

MEMBER OF THE A. B. C.

FORTY-SEVENTH YEAR

# PAPER TRADE JOURNAL

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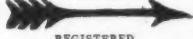
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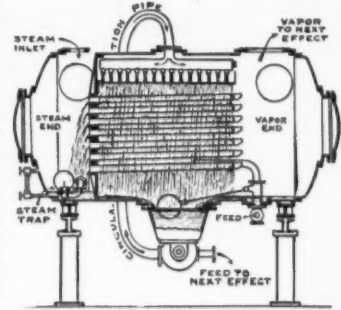
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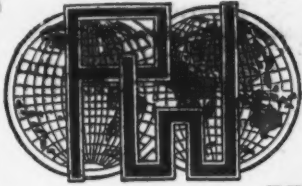
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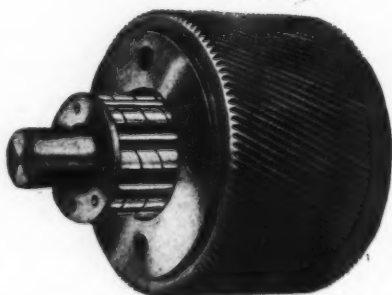
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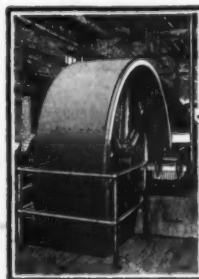
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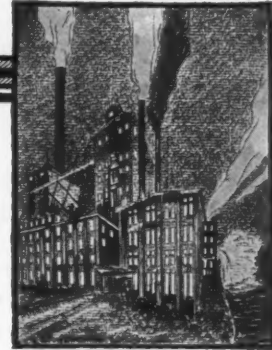
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# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

## FORTY-SEVENTH YEAR

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Thursday, March 27, 1919

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## DECISION EXPECTED SOON IN NEWS PRINT REHEARING

**Believed That Federal Trade Commission Will Make Some Announcement in the Case in the Very Near Future as a Result of the Hearing Which Was Held on Friday of Last Week—Hearing, However, Was Chiefly Interesting Because of the Entrance into the Case of F. W. Wickersham as Counsel for the Publishers and the Withdrawal from the Case of Commissioner Colver.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 24, 1919.—A further argument was held before the Federal Trade Commission the latter part of last week in the news print case. While the case is no further advanced than before the hearing was held there were several interesting developments, such as the entrance into the case as attorney for the publishers of George W. Wickersham, former Attorney General of the United States, and the resignation from the case of Chairman William B. Colver, of the commission because he alleges that Henry A. Wise, the manufacturers' attorney, asserted before the Circuit Judges that he was not qualified to sit in the case because of his newspaper connections.

Last week's hearing was really called by the Commission to hear the attorneys' arguments as to whether or not the Commission had the right to reopen the case before the date of the formal petition, on December 27, by the publishers. Various arguments were put up by attorneys for both sides, but at the end of the hearing the matter had merely gone around in a circle and it is now up to the Commissioners to make some kind of a formal decision as to what they intend to do.

### The Resignation of Chairman Colver

As to the resignation from Chairman Colver from further news print hearings the following was officially inserted in the record: "Mr. Colver in withdrawing from any participation in this matter as an arbitrator desires the record to show:

"That before this arbitration was undertaken in the beginning, Mr. Colver made a complete disclosure to Major Henry A. Wise, counsel for the news print paper manufacturers, of the fact that he had been engaged in the newspaper business for a number of years and that he then had investments in newspaper properties; and expressed the opinion that on this showing he should not participate in the arbitration, unless entirely agreeable to all parties. Mr. Wise assured Mr. Colver of his entire willingness and of his desire that Mr. Colver participate in the arbitration, and on such assurance Mr. Colver did enter upon the arbitration.

"The foregoing took place before any proceedings were had in the matter.

"Mr. Colver similarly disclosed his situation to the other parties at interest and suggested and offered that he be relieved from participation.

"Subsequent to the award of the Commissioners, acting as arbitrators, and upon appeal to the Judges of the United States Circuit Court, references were made by Major Henry A. Wise to Mr. Colver's fitness as an arbitrator quite contrary to the expression made to Mr. Colver before the arbitration was undertaken.

"In view of the foregoing Mr. Colver has asked his colleagues to excuse him from any participation in this matter direct or indirect, and he has been excused."

### Mr. Walsh Answers Mr. Wickersham

Quite an interesting argument took place during the course of the hearing between Mr. Wickersham, for the publishers, and John Walsh, chief counsel for the Commission, as to the reopen-

ing of the case and what the Commission has already decided. In answering an argument of Mr. Wickersham, Mr. Walsh said:

"The Commission has disposed of the application for a rehearing of the second hearing had by the Commission. The Commission passed upon the question of an application for a rehearing for the fixing of new prices, upon the application of the manufacturers, and the Commission determined that that matter was closed, and the opportunity to appeal to the Circuit Court of Appeals is now open to the manufacturers."

During the course of the arguments of the attorneys Commissioner Murdock, who is alleged to be somewhat interested in newspapers, asked Mr. Wise if he objected to his acting as an arbitrator. Mr. Wise answered that he hadn't the least objection.

### Mr. Wise's Summing Up

Readers of the PAPER TRADE JOURNAL would not be interested in the lengthy arguments of counsel for both sides, because it developed into a mere legal battle of words. Mr. Wise, in summing up in one place, said:

"I say that there is nothing here to move this Commission to a reconsideration; and I stand upon the proposition of the law that the matter has been submitted; that a fair and full hearing has been had, and that a fair and full opportunity to the other side was afforded, and they should have offered their evidence during the period that that opportunity existed. They did not; this Commission rendered its decision; that decision was final, and this Commission, as arbitrators, may not open the inquiry. And I stand upon that proposition."

### The Matter of Expense Discussed

Toward the very close of the arguments the Commission brought up the question of the expense of reopening this whole procedure. Attorney Wickersham stated that if the Commission did not have the money that the matter would be taken up with the Attorney General to see if any financial assistance could be found in that direction. The hearing closed with no definite agreement of any kind having been reached. It is more than probable, owing to the delay already, that the Commission will make some announcement in the very near future regarding this news print case.

### Stage Set for Misbranding Case

The stage is all set here for the hearing on Friday of this week by the Federal Trade Commission against the alleged misbranding case affecting book and writing paper manufacturers and jobbers.

It is understood that prior to the hearing before the Trade Commission that both the jobbers and the manufacturers interested will have preliminary conferences.

Henry A. Wise, who has won such a distinct success as attorney for the news print paper manufacturers in their case against the publishers, will be the attorney for the paper manufacturers.

### Boxboard Men to Visit Washington

It is understood that a committee of boxboard manufacturers will come to Washington on Wednesday of this week to take up their problems with the Industrial Board of the Department of Commerce. At the present time, so it is stated, there is not a very great market for boxboard and the manufacturers are hopeful that some good will come of their conference with the board in stimulating their business.

### Glazed and Fancy Paper Men Meet

A very interesting conference was held here the latter part of last week between representatives of the Industrial Cooperation Service of the Department of Commerce and representatives of the glazed and fancy paper and cardboard manufacturers relative to standardization. Those present at the conference included: G. Frank Meriam, of the Glazed and Fancy Paper Manufacturers and the Cardboard Manufacturers; I. O. Van Duzer, of the Glazed and Fancy Paper Manufacturers; S. A. Smith, of the

Cardboard Manufacturers' Association; Mr. Dugan, chief of the paper laboratory of the Bureau of Standards, and Messrs. Cutter and Lennihan, of the Industrial Service.

At the opening of the conference Mr. Meriam produced a set of standards of practice which he suggested the officials of the Service should consider and endorse. Mr. Meriam stated that the suggestions were merely tentative and that the manufacturers wished to get the reaction of the Service on the suggestions. In connection with the use of the standards Mr. Meriam said:

"Our present thought was to take the cardboard situation. That organization is a new one recently started, and in getting these organizations together it is sometimes difficult to get everyone to see the advantages afforded by them. You have to lead people to these things. For that reason you have to be a little careful and go a little slowly and make provisions that are not too drastic. You must creep before you can walk. For that reason we do not want to be drastic. We want to create business and not do anything that is going to be detrimental to the business, but we feel in adopting these standard sizes and eliminating some of these shades that it is a wise thing to do and that nobody will object to it. The box makers request through their organization that the number of shades be reduced. You can see where it is advantageous to eliminate a good many of these colors and to have a standardized thickness. The shades will vary somewhat."

It is understood that as a result of the meeting a letter will probably be written by the Secretary of Commerce endorsing in some measure at least the ideas which were presented by the paper men.

#### To Publish Report on Rosin

The Bureau of Chemistry, Department of Agriculture, last Fall made public a report on production of turpentine and rosin up to August 1, 1918, with the producers' own estimate on the total production for the 1918 season. This work was done at the request of representative individuals and recognized organizations among both producers and consumers. The latter, individually and through their trade organizations, have requested the Bureau to supplement its statistical work so as to include stocks on hand.

Blanks on which to make returns have been sent to all producers and users, from the returns of which a report will soon appear showing the total production for the 1918 season, and the stocks on hand at the stills in the woods on March 1, 1919, and also stocks on the regular naval stores storage yards and in the hands of consumers on March 31, 1919.

This will be the first time in the history of the Naval Stores and Related Industries that this information has been systematically collected and made available, and it should be of material service to producers, to factories, and to users of turpentine and rosin.

The Department of Agriculture, in connection with its other work on naval stores, plans to collect these statistics at regular intervals hereafter. It is proposed to publish statistics on production at three different dates during the producing season, and statistics on stocks in the woods, on storage yards and in the hands of consumers at the close of the producing season, and in time to be of service to the producers in planning their next season's operations. This complete information, covering total productions and stocks at the stills, on the yards, and in the hands of consumers, will enable producers and users alike properly to adjust their respective businesses. It will result in the stabilized prices, which will insure ample supplies to meet consumers' requirements and a fair price for their product to the turpentine operators.

It is desired to emphasize the fact that the Bureau cannot make a success of this work without the whole-hearted and prompt cooperation of all producers and consumers. It has the approval

and cooperation of the Turpentine and Rosin Producers' Association, The National Paint, Oil and Varnish Association, the National Varnish Manufacturers' Association, as well as the factors, dealers, and many of the most representative and well known individual producers and consumers.

#### House Committee on Printing

The following representatives have been appointed on the new House Committee on Printing; Representative Kiess, of Pennsylvania, chairman; Representative Gandy, of South Dakota, and Representative Johnson, of Washington.

#### F. C. Clark Honored

Frederick C. Clark, chief of the paper laboratory of the Bureau of Standards and representative from the Department of Commerce on the General Supply Committee, was tendered a banquet the latter part of last week, at the Columbia Country Club, by friends and members of the Committee. Mr. Clark announced his retirement from the Government service to go with the American Writing Paper Company, at Holyoke, Mass.

Those attending the banquet were: F. C. Clark, Paul F. Myers, chief clerk, Treasury Department; James L. Wilmeth, director, bureau of engraving and printing; E. J. Ayers, chief clerk, Department of the Interior; James E. Jones, assistant to the chief, bureau of plant industry, Department of Agriculture; W. A. Fitzsimmons, assistant chief, division of accounts, Department of State; Albert G. Drane, chief, supply division, War Department; J. L. McGrew, U. S. employment service, Department of Labor; H. C. Allen, coast and geodetic survey; Cyrus Root, Interior Department; Dr. Percy H. Walker, bureau of standards; Capt. Hodge, War Department; E. G. Randall, Department of Justice; Messrs. Turkenton, chairman; Wright, Butrick, Watkins, Brewer, Keim, Prather, Maloy, Myers and Bevard, present members of the committee; M. F. Jacques, chief division of property transfer; and G. V. Norwood, director of supplies, general supply committee.

#### February Exports

Exports continued to show great strength in February, the total reaching \$588,000,000 in value, according to a statement issued to-day by the Bureau of Foreign and Domestic Commerce, Department of Commerce.

This is a falling off from the record January total of \$623,000,000, but as there were only 28 days in February, the daily average would appear to be even higher than in January. The total for the month represents an increase of approximately 43 per cent over the \$411,000,000 for February of last year. Exports for the eight months ended with February were valued at \$4,386,000,000 as compared with \$3,862,000,000 for the corresponding period of the previous year.

February imports, are announced as \$235,000,000, a gain over the \$213,000,000 for January, and over the \$208,000,000 for February, 1918. Imports for the eight months ended with February totaled \$1,933,000,000, as against \$1,841,000,000 for a similar period the previous year.

#### Burmus Paper Co. Makes Improvements

DUDLEY, Mass., March 21, 1919.—Civil Engineer Thomas F. McGovern today put a force of men at work upon the construction of a large dam across the Quinebaug river at West Dudley, which he has the contract to build for the Burmus Paper Company. He already has completed the erection of a large powerhouse for the company, and when the machinery has been installed, the company expects to greatly increase its output, as, for some time past, night and day shifts have been employed at the factory in an effort to keep up with the orders.

## PROPOSED CLASSIFICATIONS FOR FOREST COMMODITIES

**How the New Schedule Will Effect Various Diversified Interests in Forest Products—Lines Including Producers, Exporters, Importers and Certain Others Dealing With Wood and Paper—Although Intended Just at First for Export Purpose Probabilities are That It Will Be Used as a Basis for Domestic Export and Consumption—Items Specially Effecting Wood and Paper.**

(FROM OUR REGULAR CORRESPONDENT.)

WASHINGTON, March 24, 1919.—In connection with proposed commodity classifications the Forest Service of the United States Department of Agriculture is sending out to various diversified interests in forest products lines including producers, exporters, importers and certain others dealing in pulp and wood, a tentative schedule. The letter in part follows:

"As a result of recently emphasized needs of the Government and of business men generally steps are being taken to improve the export and import trade statistics through a new commodity classification. The probability is that it will also come to be generally used as a basis for statistics of domestic consumption and production.

"In enclose the abridged classification covering your particular field of interest and also pamphlets to show the changes from the classification now in force. The Forest Service has been asked to furnish recommendations as to approval or specific amendment of these schedules with reasons. Knowing your appreciation of the importance of this matter, we would be glad to secure your constructive criticism and any desirable amendments. Our report must be submitted by April 15. It is therefore necessary that your exhibit be in our hands not later than April 8 or, if possible, earlier."

The following are some of the new commodity classifications as they apply more particularly to paper. This schedule, it should be remembered, is only a tentative one:

- 3. Wood, wood products, and paper.
  - 30 Timber: Logs, hewn and sawed timber, etc.
  - 31 Lumber: Lumber, lath, shingles and veneers.
  - 32 Manufactures of wood.
  - 36 Paper base stocks.
  - 37 Paper and paper products.
  - 38 Books and all printed matter.
    - 304 Pulpwood and all other unmanufactured wood.
      - 3040 Pulpwood, rough, peeled, rossed.
      - 3041 Shuttle blocks.
- 36 Paper base stocks.
  - 360 Pulp.
    - 3600 Mechanically ground (bleached and unbleached).
    - 3601 Sulphite, bleached (includes mitscherlich).
    - 3602 Sulphite, unbleached (includes mitscherlich).
    - 3603 Soda, bleached and unbleached.
    - 3604 Kraft, including sulphate, bleached and unbleached.
    - 3609 Pulp, n. e. s. (includes pulp from straw, paper, rags, etc.)
- 360 Rags and all other crude stock.
  - 3690 Rags, cotton and linen, old and new.
  - 3699 Rags, and other crude stock, n. e. s.
    - 36990 Waste bagging, old gunny cloth and gunny bags, waste of plain woven fabrics of single jute yarn not chemically treated, used chiefly for paper making.
    - 36991 Old manila rope used chiefly for paper making.

- 36999 Grasses, fibers, waste, including jute, hemp, and flax waste, shavings, clippings, old paper, rope ends, waste rope, and all other waste used chiefly for paper making, n. s. p. f.

(For pulpwood, rough, peeled or rossed see 30, wood).

- 37 Paper and paper products (except books and other printed matter).
  - 370-371 Paper and paper board.
    - 3700 Newsprint paper, unsized, suitable for printing newspapers, novels and posters.
      - 37000 Not above 5c per pound (free).
      - 37001 Above 5c per pound (12 per cent.).
    - 3701 Book paper, except coated (includes album, Bible, catalogue, magazine and offset, and all other book papers.
      - 37010 Not above 5c per pound (free).
      - 37011 Above 5c per pound (12 per cent.).
    - 3702 Cover paper.
      - 37020 Not above 5c per pound (free).
      - 37021 Above 5c per pound (12 per cent.).
    - 3703 Fine paper (writing, drawing, ledger, bond, record, tablet, typewriter, letter, note, hand-made or machine hand-made, Japan and imitation Japan, paper, by whatever name known, and onion skin and imitation onion skin papers, calendered or uncalendered).
      - 37030 Ruled, bordered, embossed, printed, lined, or decorated in any manner (25 per cent.).
      - 37031 All other (25 per cent.).
    - 3704 Tissue paper, including toilet paper (30 per cent.).
    - 3705 Cigarette paper.
    - 3706 Grease proof, by whatever name known (35 per cent.).
    - 3709 Wrapping paper, n. e. s. (25 per cent.). (Includes kraft, fibers, bleached fibers, manilas, bogus and screenings, bag and envelope papers).
  - 3710 Paper boards.
    - 37100 Boxboard, common paper, not coated, lined, embossed, printed or decorated in any manner, not cut into shape for boxes or other articles. (5 per cent.).
      - 37101 Press boards or press paper (25 per cent.).
      - 37102 Bristol board and cardboard (25 per cent.).
      - 37103 Strawboard (25 per cent.).
      - 37104 Pulp boards in rolls, not laminated (5 per cent.).
    - 3711 Asbestos paper and board.
    - 3712 Building boards and building papers n. e. s.
      - 37120 Sheathing paper (5 per cent.).
      - 37121 Roofing felt (5 per cent.).
      - 37129 All other (includes wall and plaster boards, fiber and vulcanized fiber boards).
  - 3713 Surface coated papers.
    - 37130 Lithographic transfer paper not printing (25 per cent.).
    - 37131 Marbleized paper, and dipped (25 per cent.).
    - 37132 Suitable for covering boxes, n. s. p. f., whether or not embossed or printed except by lithographic process (40 per cent.).
    - 37133 White coated surface or surfaces, calender plate finished (25 per cent.).
    - 37134 Wholly or partly covered with metal leaf, or with gelatin or flock (25 per cent.).
    - 37139 All other n. s. p. f. (35 per cent.).
- 372-373 Paper products and all other paper n. e. s.
  - 3720 Wall paper (25 per cent.).

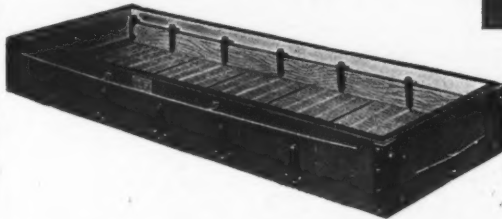
(Continued on page 12)

**NORTHERN BRAND**  
**BLEACHING POWDER (HIGH TEST)**  
**CAUSTIC SODA 76-78% N. Y. & L.**

**MICHIGAN ELECTROCHEMICAL COMPANY**  
**OFFICE AND WORKS—MENOMINEE, MICHIGAN**

**UNION SCREEN PLATE COMPANY**

FITCHBURG, MASS., U. S. A.  
 LENNOXVILLE, P. O. CANADA



**UNION BRONZE SCREEN PLATES ROLLED BRASS**  
 (Best phosphorized Cast Metal) (Union Quality)  
 Old Plates RECLOSED and RECUT to accurate gauge.  
**UNION BRONZE SCREWS** for Screen Plates  
**UNION BRONZE SUCTION BOX PLATES**  
 Immediate Delivery of the Largest Orders. Satisfaction Guaranteed.

**The WITHAM SCREEN PLATE FASTENER, Patented**  
 THE ORIGINAL THE BEST  
 Over One Thousand in Successful Operation Recommended by Screen Makers

**ROGERS WET MACHINE**

**SAVES LABOR, POWER AND FREIGHT**



Built both single and double press. They operate successfully on both sulphite and sulphate pulp.

Felt cost is low considering dryness obtained.

Ball bearings for cylinder mould and couch roll.

Automatic felt guides.

Handy sheets 33" x 36" automatically deposited in tray at front of machine of a uniform dry test of 47%.

Illustration shows Rogers Double Wet Machine which has a capacity of 30 dry tons in 24 hours.

**WORKMANSHIP AND MATERIAL GUARANTEED.**

**GLENS FALLS MACHINE WORKS : Glens Falls, N. Y.**

*Try Our Split Cams for Your Flat Screens*

## PROPOSED CLASSIFICATIONS FOR FOREST COMMODITIES

(Continued from page 10)

- 3721 Envelopes.
- 37210 Envelopes composed wholly or in chief value of surface coated parchment or similar papers (35 per cent.).
- 37211 Envelopes, paper folded or flat, n. s. p. f. (15 per cent.).
- 3722 Paper boxes and cartons.  
with surface coated parchment or similar paper or covered or lined with cotton or other vegetable fiber (35 per cent.).
- 37220 Boxes of paper, papier mache or wood covered.
- 37229 All other paper boxes (25 per cent.).
- 3723 Paper bags and sacks.
- 37230 Composed wholly or in chief value of surface coated parchment or similar papers (35 per cent.).
- 37239 All other (25 per cent.).
- 3724 Playing cards (60 per cent.).
- 3725 Blank books and albums.
- 37250 Blank and slate books (15 per cent.).
- 37251 Albums, photograph, autograph scraps, post card, postage stamps, wholly or partly manufactured (25 per cent.).
- 3726 Carbon paper.
- 3727 Writing paper in boxes.
- 3728 Toilet paper in packages or rolls.
- 3738-3739 All other paper and products, n. e. s.
- 37380 Filter masse or filter stock, composed wholly or in part of wood pulp, wood flour, cotton or vegetable fiber (20 per cent.).
- 37381 Copying, crepe, filtering, pottery, stereotype and bibulous papers and unmanufactures of (30 per cent.).
- 37382 Photographic plain basic for albumenizing, sensitizing, or baryta coating, for photographic or solar printing process (15 per cent.).
- 37383 Same: Albumenized, or sensitized, or otherwise coated (25 per cent.).
- 37384 Decalcomania paper, not printed (free).
- 37395 Parchment paper (25 per cent.).
- 37386 Reinforced or cloth lined paper (35 per cent.).
- 37386 Jacquard designs on ruled paper, or cut on jacquard cards, and parts of such designs (25 per cent.).
- 37388 Papier mache, manufactures of (25 per cent.).
- 37389 Papier uncoated, gummed, or with surface or surfaces decorated or covered with a design, fancy effect, pattern, or character, whether produced in the pulp or otherwise except by lithographic process (35 per cent.).
- 37390 Paper or cardboard, cut, die-cut or stamped into designs or shapes, such as initials, monograms, laces, borders, or other forms (25 per cent.).
- 37399 All other paper and manufactures of, or of which paper is the component material of chief value, n. s. p. f. (25 per cent.). (For parchment and vellums see 16.)
- 38 Books, maps, pictures, and all other printed matter.
- 380 Books, music and maps.
- 3800 Books and pamphlets and music.
- 38000 Bibles.
- 38001 Books and music, in raised print used exclusively by the blind.
- 38002 Books and pamphlets printed wholly or chiefly in languages other than English.
- 38003 Textbooks used in schools and other educational institutions.
- 38004 Music in books or sheets.
- 38005 Booklets, decorated in whole or in part by hand or by spraying, whether or not lithographed.
- 38006 Booklets, all other.
- 38007 Books of paper or other material for children's use, not exceeding in weight 24 ounces each.
- 38009 All other books and pamphlets, bound or unbound.
- 3801 Maps and charts.
- 381 Pictures and postcards.
- 3810 Post cards, souvenir.
- 38100 Lithographed, not exceeding 8/1000 inch in thickness.
- 38101 Lithographed, exceeding 8/1000 inch and not exceeding 20/1000 inch in thickness, dimensions less than 35 square inches.
- 38102 Lithographed, exceeding 8/1000 inch and not exceeding 20/1000 inch in thickness, dimensions 35 square inches or over.
- 38103 Lithographed exceeding 20/1000 inch in thickness.
- 38104 Views of any landscape scene, buildings, place or locality in the United States, or on cardboard or paper, by whatever process printed or produced, including those wholly or in part produced by either lithographic or photo-gelatin process, not thinner than 8/1000 inch.
- 38105 Views of any landscape scene, buildings, place or locality in the United States, or on cardboard or paper, by whatever process printed or produced, including those wholly or in part produced by either lithographic or photo-gelatin process, thinner than 8/1000 inch.
- 38109 All other, plain, decorated, embossed, or printed except by lithographic basis.
- 3811 Lithographically printed pictures, cards, etc. (except post cards).
- 38110 Views of any landscape, scene, building, place, or locality in the United States (except post cards) on cardboard or paper, by whatever process printed or produced, including those wholly or in part produced by either lithographic or photo-gelatin process (except show cards) bound or unbound or in any other form—not thinner than 8/1000 inch.
- 38111 Decalcomanias, in ceramic colors, weighing not over 100 pounds per thousand sheets on a basis 20 by 30 inches.
- 38112 Decalcomanias, all other (except toy).
- 38113 Fashion magazines or periodicals printed in whole or in part by lithographic process or decorated by hand.
- 38116 All other n. s. p. f. not exceeding 8/1000 inch in thickness.
- 38117 All other n. s. p. f. exceeding 8/1000 inch and not exceeding 20/1000 inch in thickness, dimensions less than 35 square inches.
- 38118 All other n. s. p. f. exceeding 8/1000 inch and not exceeding 20/1000 inch in thickness, dimensions 35 square inches and over.

(Continued on page 14)



# SYSTEMS BOND

*"The Rag-content Loft-dried Paper at the Reasonable Price"*

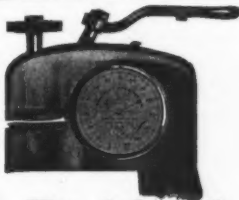
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## EASTERN MANUFACTURING COMPANY

*Mills at Bangor and Lincoln, Maine*

*Genral Sales Offices—501 Fifth Ave., New York.*

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**The Ashcroft  
Paper Tester**



**The Ashcroft  
Thickness Gauge**

Actual necessities for all those who make, sell or purchase paper in any form. The thousands in daily use testify to their efficiency.

**THE ASHCROFT MFG. CO.**

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Canadian Sales Agents: The Canadian Fairbank's Morse Co., Montreal and Toronto.

# SUTHERLAND

Pure Vegetable

# PARCHMENT

Made in Kalamazoo, Michigan

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# FOURDRINIER WIRES

DANDY ROLLS  
CYLINDER  
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**CHENEY BIGELOW WIRE WORKS**  
SPRINGFIELD, MASS.

MANUFACTURERS

Brass, Copper and Wire Cloth,  
Bank and Office Railings and Grille Work

## G. C. SHERMAN, WATERTOWN, IS HONORED BY GOVERNOR

Well Known Paper Manufacturer of Northern New York Is Appointed Trustee of the State College of Forestry at Syracuse University—Mr. Sherman Is Particularly Well Qualified by Study and Experience to Fill This Important Position—Frank L. Moore, of the Newton Falls Paper Co., Is Named as Member of a Representative Committee to Formulate Policy for Economic Use of Forest Lands.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., March 24, 1919.—Governor Alfred E. Smith has named George C. Sherman of this city, president of the Taggart Paper Company, distinguished Democrat, business man and liberal philanthropist, as a trustee of the State College of Forestry at Syracuse University, to succeed the late Hendricks S. Holden. The nomination was referred to the finance committee of the Senate where Senator Fred B. Pitcher of this district paid a high tribute to the business ability and qualifications of Mr. Sherman. It is expected that the appointment will be promptly confirmed.

George C. Sherman is particularly familiar with forestry problems, having studied the subject in a practical and a scientific way for many years. For years he has been one of the leading paper manufacturers of this section of the state and has owned large tracts of forest lands in the Adirondacks. His lumbering has been prosecuted in a scientific manner, showing his familiarity with the most advanced ideas on the subject. He is familiar with every section of the great Adirondack forests and the needs of the future.

He is recognized as a very broad minded and public spirited citizen by all who know him. For a number of years he has passed considerable time traveling throughout the United States and other countries. He has visited and studied forestry problems in the great timber belts of this country. During the present winter he has been traveling with Mrs. Sherman through the South and Far West. He is expected home in the near future. It is not known here that he has been informed of the selection made by Governor Smith.

The State Forestry College has a school for practical study at Wanakena on Cranberry Lake, where many students are stationed each year for practical study in reforestation and forest conservation.

The general expression of opinion on the appointment by Governor Smith by men in this section of the state is that no better selection could be made. He will devote his attention to the duties of the office with characteristic zeal that will demonstrate his high value to the school and the problem confronted.

### For Economic Use of Forest Lands

Frank L. Moore, president and general manager of the Newton Falls Paper Company, and for several terms the president of the Empire State Forest Products Association, has just been named as a member of a representative committee which is to formulate a broad constructive policy for the economic use of forest lands in this state. The first meeting of the committee will be held at the University Club in Syracuse on Tuesday, March 25.

At the annual meeting of the New York State Forestry Association held in January, the importance of concerted action along the line of forestry matters was taken up and the appointment of the special committee authorized. The resolution making provision for the committee pointed out that the association believes that agencies concerned with forestry matters in this state should formulate a broad policy for economic use of forest

lands in the state, and that this policy should look forward to the removal of constitutional inhibition at present preventing effective use of state forest lands. It recommended that the period of reconstruction is particularly inopportune for the formulation of a constructive policy.

The committee that will formulate this broad policy is composed of such distinguished experts on the subject as the following: Prof. R. S. Hosmer, of Cornell University; Dean H. P. Baker, New York State College of Forestry; C. H. Pettis, conservation commissioner; J. G. Agar, officer of the Association for the Protection of the Adirondacks; F. L. Moore, member and former president of the Empire State Forest Products Association; H. G. Carpenter, New York State Forestry Association.

Discussions on the subject of policy indicates that the recommendations of the committee will be along the line of a broader scope than forestry activities of the past. It will apply to every section of the state, regardless of present forests. It is suggested that the many students being graduated from forestry schools might be distributed throughout the counties of the state with a view to taking surveys to determine what farm lands may be devoted to reforestation to an economic advantage.

This and other constructive departures will be features of the state policy to be urged.

### Black River Power Association Meets

The annual meeting of the Black River Power Association was held Wednesday afternoon at 3:30 in the Chamber of Commerce rooms. The election of directors and officers for the ensuing year was the main business of the meeting, although a general discussion was had on the subject of power development by the storage reservoir plans now being promulgated.

The directors and officers retiring were all re-elected. They were: Elon R. Brown, Foster P. Rhines, C. C. Burns and Jacob F. Amos of this city; C. W. Lyman of New York, representing the International Paper Company; G. H. P. Gould of Lyons Falls, and James E. Campbell, of the Dexter Sulphite Pulp and Paper Company, of Dexter.

G. H. P. Gould was re-elected president, Dr. James E. Campbell, first vice-president; Foster P. Rhines, second vice-president and Jacob F. Amos of Taggart Brothers, Inc., secretary and treasurer.

## FOREST COMMODITIES CLASSIFICATION

(Continued from page 12)

- 38119 All other n. s. p. f. exceeding 20/1000 inch in thickness.
- 389 All other printed matter.
- 3890 Cigar bands, labels and flaps.
- 38900 Cigar bands, printed in whole or in part in metal leaf.
- 38902 Cigar bands, printed (other than in metal leaf) in less than 8 colors (bronze printing to be counted as 2 colors).
- 38903 Cigar bands, printed (other than in metal leaf) in 8 or more colors (bronze printing to be counted as 2 colors).
- 38904 Labels and flaps, printed (other than in metal leaf) in less than 8 colors (bronze printing to be counted as 2 colors).
- 38905 Labels and flaps, printed (other than in metal leaf) in 8 or more colors (bronze printing to be counted as 2 colors).
- 3899 Miscellaneous.
- 38990 Engravings, bound or unbound, etchings and photographs.



# **FOREIGN KRAFT PULP**

**EXTRA STRONG**

**Attractive**

**Quotations**

**ON RECEIPT OF INQUIRIES**

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**A. J. PAGEL & CO.**

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**347 Madison Ave. - - - New York**

## PAPER AND PULP PRODUCTION FOR THE MONTH OF FEBRUARY

Stocks of All Grades of Paper Except Hanging, Felt and Building Papers Were Greater at the End of February Than at the Beginning of the Period—The Total Stocks of All Grades of Paper at the End of February Amounted to 249,881 tons—Grinders and Digesters Showing Lost Time During February Numbered 1,197—Eleven Mills Not in Operation at All.

(FROM OUR REGULAR CORRESPONDENT.)

WASHINGTON, D. C., March 24, 1919.—The following tabulation is a summary made by the Federal Trade Commission of production, shipments and stocks of all paper mills in the United States for the month of February, 1919. The mills have been classified for convenience into ten groups, according to the grades of paper made. Some mills making several grades appear in more than one group so that there is a duplication in the number of mills.

The variation in the number of mills from one week to another is due in part to the fact that some mills do not run continuously on the same grade.

The stocks of paper carried by different mills depend not only upon the conditions of the market, but also upon the kind of paper made, the trade customs, etc.

The time lost by mills for lack of orders is shown by the tabulation below. In addition to the mills that were down for this reason the mills reported as being down for other reasons were 31 during the first week, 39 during the second week, 31 during the third week and 30 during the fourth week. The principal reasons assigned were repairs, lack of labor and lack of material.

Machine hours lost due to Lack of Orders, by grades, for February, 1919:

	Week ended Feb. 9		Week ended Feb. 16		Week ended Feb. 23		Period ended Feb. 28	
	No. of Hours	Machines Idle	No. of Hours	Machines Idle	No. of Hours	Machines Idle	No. of Hours	Machines Idle
News print	1	1	1	1	1	1	1	1
Book paper	39	3,463	35	2,553	44	3,627	22	2,056
Paperboard	105	8,849	121	9,577	115	9,848	113	9,982
Wrapping	48	4,629	49	4,918	62	5,432	51	4,174
Bag	13	825	3	162	11	625	7	273
Fine	51	4,717	67	5,470	68	6,012	67	4,555
Tissue	41	4,752	45	4,630	29	2,875	31	3,226
Hanging	2	96	6	288	2	48	2	80
Felts and building	23	1,859	22	1,522	21	2,112	23	1,642
Miscellaneous	22	1,548	10	893	13	1,106	10	781
Total	345	30,769	359	30,037	366	31,763	326	26,769

Comparing the stocks on hand at the end of the period with the average production for the period it will be seen that:

- News print mill stocks equal slightly less than 1 week's output.
- Book paper mill stocks equal about 2 weeks' output.
- Paperboard mill stocks equal slightly less than 2 weeks' output.
- Wrapping paper mill stocks equal slightly more than 4 weeks' output.
- Bag paper mill stocks equal slightly more than 1½ weeks' output.
- Fine paper mill stocks equal about 5½ weeks' output.
- Tissue paper mill stocks equal about 2½ weeks' output.
- Hanging paper mill stocks equal slightly more than 1 week's output.
- Felts and building paper mill stocks equal slightly less than 2½ weeks' output.
- Miscellaneous paper mill stocks equal slightly more than 3 weeks' output.
- Stocks of all grades except hanging and felts and building were greater at the end of February than at the beginning of the

period. The total stocks of all grades at the end of February amounted to 249,881 tons.

Hereafter this review will show the figures by months instead of by weeks. In order to make this change the last week of February contains only five days, as will be noted.

### Production, Shipments and Stocks of Various Grades of Paper for the Month of February, 1919.

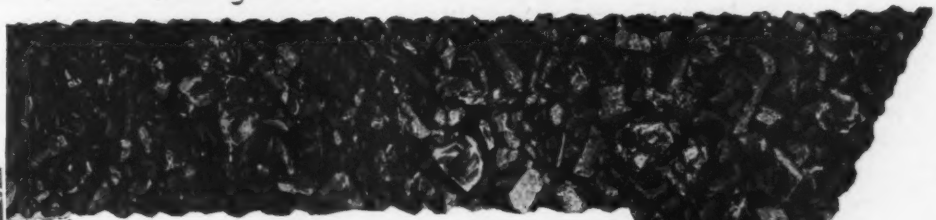
Week Ended	Number of Mills	Stocks on Hand First of Week, Net Tons.	Production, Net Tons.	Shipments, Net Tons.	Stocks on Hand End of Week, Net Tons.
<b>Newsprint: Standard and Special—</b>					
Feb. 9	66	21,219	26,311	24,288	23,242
Feb. 16	65	23,242	26,246	26,126	23,362
Feb. 23	66	23,362	26,718	25,881	24,199
Feb. 28*	63	24,199	22,497	21,918	24,778
		21,219	101,772	98,213	24,778
<b>Book: M. F., S. S. C., and Coated—</b>					
Feb. 9	91	34,038	14,794	14,976	33,856
Feb. 16	88	33,856	15,456	14,496	34,816
Feb. 23	88	34,816	14,958	14,660	35,114
Feb. 28*	89	35,114	13,549	14,501	34,162
		34,038	58,757	58,633	34,162
<b>Paperboard: Straw, Chip, Fibre, Leather, etc.—</b>					
Feb. 9	232	53,217	30,347	28,607	54,957
Feb. 16	230	54,957	31,292	28,662	57,587
Feb. 23	230	57,587	30,587	23,824	59,350
Feb. 28*	232	59,350	30,321	30,219	59,452
		53,217	122,547	116,312	59,452
<b>Wrapping: Kraft, Manila, Fibre, etc.—</b>					
Feb. 9	161	51,397	11,343	8,621	54,119
Feb. 16	157	54,119	10,233	8,251	56,101
Feb. 23	159	56,101	10,877	8,549	58,429
Feb. 28*	160	58,429	10,011	8,888	59,552
		51,397	42,464	34,309	59,552
<b>Bags: All Kinds—</b>					
Feb. 9	37	3,896	2,514	2,536	3,874
Feb. 16	36	3,874	2,340	2,179	4,035
Feb. 23	34	4,035	2,549	2,507	4,077
Feb. 28*	35	4,077	2,705	2,609	4,173
		3,896	10,108	9,831	4,173
<b>Fine: Writings, Bonds, Ledgers, etc.—</b>					
Feb. 9	113	36,075	5,692	5,252	36,715
Feb. 16	112	36,715	5,811	4,949	37,577
Feb. 23	112	37,577	5,862	4,679	38,760
Feb. 28*	112	38,760	5,297	6,434	37,622
		36,075	22,862	21,314	37,622
<b>Tissue: Toilet, Crape, Fruit Wrappers, etc.—</b>					
Feb. 9	88	6,344	2,432	1,939	6,837
Feb. 16	89	6,837	2,377	1,977	7,237
Feb. 23	88	7,237	2,485	2,317	7,405
Feb. 28*	88	7,405	2,465	2,463	7,407
		6,344	9,769	8,696	7,407
<b>Hanging—</b>					
Feb. 9	19	2,666	1,975	2,164	2,477
Feb. 16	20	2,477	2,039	1,857	2,659
Feb. 23	20	2,659	2,116	2,084	2,691
Feb. 28*	21	2,691	2,010	2,143	2,558
		3,666	8,140	8,248	2,658
<b>Felt and Building: Roofing, Sheathing, etc.—</b>					
Feb. 9	46	9,466	2,917	3,262	9,121
Feb. 16	45	9,121	3,143	3,577	8,687
Feb. 23	45	8,637	2,855	2,984	8,553
Feb. 28*	45	8,558	2,939	2,901	8,596
		9,466	11,854	12,724	8,596
<b>Miscellaneous: Specialties—</b>					
Feb. 9	58	11,254	3,291	3,052	11,493
Feb. 16	58	11,493	2,965	3,000	11,458
Feb. 23	58	11,458	2,768	2,614	11,612
Feb. 28*	58	11,612	2,720	2,762	11,580
		11,254	11,754	11,428	11,580

\*Five days ended February 28, 1919.

### Commission's Report on Pulp

In connection with the Federal Trade Commission's current statistics of the paper industry a summary of the monthly reports required from manufacturers of wood pulp and other kinds of pulp used in paper making, is submitted herewith for the month of February, 1919. The table shows the kind of pulp, the stocks, production, pulp used and shipments for the month. The pulp

(Continued on page 52)



# 3 TYPES

- ① Underfeed Stokers
- ② Roney Stokers and
- ③ Chain Grate Stokers

THIS  
 ENABLES  
 US  
 Accurately to Meet  
 the Many and Varied  
 Requirements in the Vast  
 Field of Stoker Application

- Many varieties of coal must be burned.
  - The loads to be carried differ widely.
  - Mother earth must be considered when foundation requirements come up.
  - Headroom limitations often determine the type of boiler and stoker that can be installed.
  - First cost is something always to be considered.
- From the three types, a choice can be made to cover practically any requirement in stoker application. This also enables us more closely to meet your *individual* requirements. And further, after making recommendations based on careful study of your plant conditions and requirements, we can confidently leave the choice of type to you.

Westinghouse  
 Electric & Manufacturing Co.,  
 East Pittsburgh, Pa.

We Can Leave the Choice of Type To You

# Westinghouse



## BUSINESS IN PHILADELPHIA IS REPORTED AS "SPOTTY"

**Reduced Prices on Wrappings and Cheaper Grades of Sulphites and Manila Papers Did Not Materially Help Business—Market Generally Is Marking Time—No Snap to Business in the Paper Stock Market, with Prices Weak—President Platt Says Paper Dealers Should Study Statistics More Than They Do—Paper Trade Association to Dine April 25—Fine Paper Division Dines.**

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, March 24, 1919.—The try-out of reduced prices by the mill men to the jobbers on wrappings and the cheaper grades of sulphites and manilas made last week was not highly successful. The jobbers uniformly report that they could not see their way clear to take advantage of the eased-off prices because neither the present condition nor the prospects warrant them in tying up capital. They believe at the same time that demand will come sooner or later; that consumers are endeavoring to hold off placing orders until there will be a general reduction of prices, and it is hinted that the present week may see a cut in some bonds, while printing papers and other better grades are expected to stand firm. Because of the character of the week's business, tersely described by one jobber as "spotty," the trade is convinced that there are orders being stored up which will come forth either when compelled by absolute necessity or just as soon as the prices are right in the estimation of the consumer. But that time is not yet. Money is not easy, collections are slow and everywhere there is a disposition to mark time.

In the paper stock market these conditions maintain—only more so. There is absolutely no snap to the trade in either old papers or rags. Prices are weak but the mills are not interested. Fortunately the volume of stock coming in is not so large as to cause a glut, although there is likely to be one pretty soon unless the mills' orders increase.

### President Platt on the Situation

In this time of stress the lesson of the hour as set forth by so well informed an authority as Harvey E. Platt, president of the National Paper Trade Association, is a complete knowledge in statistical form of the status of each business. President Platt would have every dealer in the United States give particular concern to this matter at once. His viewpoint as set forth by himself for the PAPER TRADE JOURNAL—whose perusal, by the way, he recommends as the best way of keeping informed on trade conditions all over the United States—is as follows:

"The salesman must know his goods—the successful merchant must know more—he must not only know the goods he handles, he must also know his business and his market conditions in all its details; he must avail himself of every opportunity to gain a knowledge of his business that will take the 'Guess out of business.'

"The gathering, collating and study of statistics is of great importance to the paper merchant because it is a study of the fundamental facts of the industry. We as merchants should not only study the statistics of the industry as a whole, but should also gather and study similar data of our own individual business. This gives a basis of comparison between the individual business and the industry as a whole which reduced to a graphic chart is very valuable information to guide any merchant in the conduct of his business both his buying, in conducting his selling campaigns and in making and maintaining his selling prices.

With his attention focused on his own business and on his own market conditions he cares less and less what his competitor is doing. He knows whether he is getting his share of

the going business or whether he is getting more or less than his share.

"Many business men are subscribers to agencies of national and international reputation which give general statistics that are nation wide in their scope. Recognizing the value of these general statistics they study them with great care, and yet there are paper merchants today who fail to see the greater value of statistics of their own business and of their own industry as a whole.

"Possibly the main reason for this attitude is that they are under the impression that the gathering of tonnage statistics of their own individual businesses and reporting these to the National Paper Trade Association through its secretaries entails much detail work and considerable expense. This is not the case, however. If gathered daily on the proper forms and totaled from the invoices very little work or expense is required in collecting tonnage statistics. The result of proper reporting would be a graphic chart with three sets of lines showing at a glance:

"1—The condition of your individual business;

"2—The conditions prevailing in your local market;

"3—The general conditions prevailing over the entire country.

"No comment is needed on the value of these figures to the individual in enabling him to compare his own volume of business with that in his local market and with that in the country at large. He will know whether he is getting his share of the going business or whether he is getting more or less and can make his prices or organize his selling campaign accordingly. His own statistics will show him which lines are moving and which are not, his cost accounting system will show him which lines or which classes of his business are profitable and which are not, and he will have facts from which to build his business policy and thus get further and further away from the 'rule of thumb.'"

### Paper Trade Association Meets

But there is no gloom in Philadelphia now and April 25 is to be a particularly bright spot, for that is the date set this week by the Paper Trade Association for the dinner, suspended during war times, but to be resumed this year. Neither place nor speakers have yet been selected, but the purpose of making that affair a red-letter event is very definite. In charge will be Harry Donahue of R. P. Molten & Co., W. S. Wilcox, D. L. Ward & Co., A. B. Sherrill of Riegel Paper Company and Louis Megargee of the Megargee-Hare Company. The Association did other things of importance also. It tentatively named two members as delegates to the National Council of the Board of Directors of the National Paper Trade Association, but pending their acceptance, decided to withhold their names. Then the Association, meeting in the rooms of the Typothetae, received the report of the Traffic Committee on the vexatious mixed-car situation. The committee consisted of Frank O'Neill of the Philadelphia Paper Manufacturers' Association, W. S. Wilcox of the D. L. Ward Company, Morgan Thomas of the Garrett-Buchanan Company and Clark H. Morian of the J. L. N. Smythe Company. It found that teamsters had no schedule of prices for transfer from freight car to warehouse and as a consequence jobbers often were gouged. It studied the situation, consulted with the teamsters' organization and was successful in securing the adoption of a uniform charge of 5 cents per hundred, so that hereafter all jobbers will be on an equality and each will have a check on the transshipment charges.

### Fine Paper Division Dines

The Fine Paper Division sat down to dinner at the Bellevue-Stratford Hotel March 20 with twenty-two representatives of all the houses in the city present. Intense interest was shown in a preliminary study of the cost of doing business under the peculiar conditions of 1919, made by T. J. Hare of the Megargee-Hare Company and Leon Beck of the Charles Beck Company. The authors had been appointed to make the investigation some months

(Continued on page 20)

# "IMPROVED" KNOTTER

for the first screening of sulphite, sulphate or ground wood pulp

We shall be glad to furnish data and samples of the work this machine will do in actual use.



The cost of power and upkeep is extremely small and the results are very satisfactory.

Knotter Design No. 2

WE ASK A THOROUGH INVESTIGATION

## IMPROVED PAPER MACHINERY CO.

NASHUA, N. H., U. S. A.

# The Sandy Hill Iron & Brass Works

Hudson Falls, N. Y.



Manufacturers of **Paper and Pulp  
Mill Machinery**

## BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

**Purchasing Officer of the Government Printing Office Opens Bids for Various Lots of Paper at Interesting Prices—Purchasing of the Panama Canal Opens Bids for Paper of Various Descriptions to Be Used Through the Year—Purchasing Officer of the Panama Canal Makes Award of Paper Required by His Department—Other Government Bids and Awards.**

WASHINGTON, D. C., March 24, 1919.—Bids have been opened by the Purchasing Officer of the Government Printing Office for furnishing 2,500 pounds (25 reams) of 26½ x 41—100, Indian tint coated cover paper as follows: Champion Coated Paper Company, at \$.11 per pound; Maurice O'Meara Company, at \$.1390; D. L. Ward Company, at \$.1650; R. P. Andrews Paper Company, at \$.14; Franklin Coated Paper Company, at \$.10½.

### Bids for Panama Canal

The following bids have been opened by the Purchasing Officer of the Panama Canal:

5,000,000 hygienic paper drinking cups; Alling & Cory, at \$5,675 and \$5,425; H. P. Andrews, New York, at \$5,100; R. P. Andrews Paper Company, at \$5,500 and \$5,900; Dobler & Mudge, at \$5,300; Old Dominion Paper Company, at \$5,749, \$6,299 and \$6,400; Louis Wolf, at \$5,250 and \$5,750, and Mathers-Lamm Paper Company, at \$5,562 and \$5,200.

1,000,000, 14 x 14" plain white crepe paper napkins; R. P. Andrews Paper Company, at \$1,165 and \$1,070; L. Barth & Son, at \$1,200; Dennison Manufacturing Company, at \$1,275 and \$1,175; Dobler & Mudge, at \$930; H. M. Elish, at \$1,050; J. E. Linde Paper Company, at \$980; Manhattan Supply Company, at \$1,020 and \$1,120; George W. Millar & Co., at \$1,050, \$970 and \$870; Old Dominion Paper Company, at \$1,130 and \$1,030; Republic Bag & Paper Company, at \$1,300; Mathers-Lamm Paper Company, at \$1,010, \$900 and \$990, and \$1,045; Universal Trading Company, at \$1,184 and \$1,089.

75 reams (36,000 sheets) of 40 x 48—134, heavy wrapping paper; R. P. Andrews Paper Company, at \$9,142.25; R. A. Cawthorne Company, at \$798; Dobler & Mudge, at \$904.50; Harry N. Elish, at \$904.50; L. Hyman & Co., at \$918.75; George W. Millar & Co., at \$839.25 and \$819; Old Dominion Paper Company, at \$980.25; Virginia Paper Company, at \$864.25 and \$1,055.25; Mathers-Lamm Paper Company, at \$824.10 and \$829.50, and Universal Trading Company, at \$865.50.

The following paper bids have been opened by the Purchasing Officer of the Panama Canal for furnishing 36,500 pounds (500 reams) of 32 x 48—73, white sized and supercalendered printing paper; Kalamazoo Paper Company, at \$.079 and \$.074; Maurice O'Meara Company, at \$.083, \$.075 and \$.078; R. P. Andrews Paper Company, at \$.082, \$.0795, and \$.077; Champion Coated Paper Company, at \$.08; D. L. Ward Company, at \$.0885; Oxford Paper Company, at \$.0832, and \$.0782; Graham Paper Company, at \$.0782; American Writing Paper Company, at \$.0925; Dobler & Mudge, at \$.08; Whitaker Paper Company, at \$.0852; Miami Paper Company, at \$.0785, and \$.076; and George W. Millar & Co., at \$.083, \$.0825, \$.09, \$.082, \$.0805, \$.0795, and \$.089.

### Panama Canal Awards

The Whiting-Patterson Company has been awarded the contract by the Purchasing Officer of the Panama Canal for furnishing 2,500 pounds of canary bond paper in 17 inch rolls, at \$650.00

The Universal Trading Company will furnish 400 8 x 10½ record books at \$359.88. Bids for these items were opened on March 8.

Bids are to be opened by the Purchasing Officer of the Panama Canal, on March 31, for 100 reams (50,000 sheets) of 22 x 34—No. 24 canary laid writing paper.

Also for 24 reams (12,000 sheets) of 17 x 28—No. 28 melon laid paper.

500 boxes of 8 x 10½—10 purple pencil carbon paper.

10 reams (5,000 sheets) of 17 x 28, No. 24 light green safety writing paper.

On April 7 bids will be opened for 14 reams (7,000 sheets) of 22½ x 28½—70, white linen finish cover paper.

50,000, 8 x 10 faint-ruled scratch pads.

1,600, 3¼ x 6 memorandum books.

### Post Office Department Bids

The following bids have been opened by the Purchasing Officer of the Post Office Department for furnishing 450,000 3½ x 5 in. ungummed envelopes: United States Paper Goods Company, at \$1.95 per 1,000; United States Envelope Company, at \$1.45, and \$1.50; Haywood Manufacturing Company, at \$2.00; Berkowitz Envelope Company, at \$1.26, and \$1.19; American Paper Goods Company, at \$1.30; Sewell-Clapp Company, at \$2.68; American Envelope Company, at \$1.61; Samuel Cupples Envelope Company, at \$1.61; Centralia Envelope Company, at \$1.78, and \$1.72.

## PHILADELPHIA BUSINESS "SPOTTY"

(Continued from page 18)

ago; they labored hard and while they have not completed their studies they have sufficiently covered the field to be enabled by the next meeting to lay final recommendations of helpfulness to meet the conditions of the after-war trade before the members.

### General News of the Trade

T. K. Davis of the Grove Paper Company, Aeolian Hall, New York, was in town last week with a line of coarse papers and bonds.

Norman Hall, one of the head salesmen of the D. L. Ward Company, who for the past year has been in the front, is back in the country and within the coming week expects to return to his desk. When Corporal Eugene Rowe, now in France, returns to the city a month hence he will be greeted by a Miss Rowe, whom he has not yet seen. The little lady was born but two weeks ago. Corporal Rowe is another of the Ward sales force.

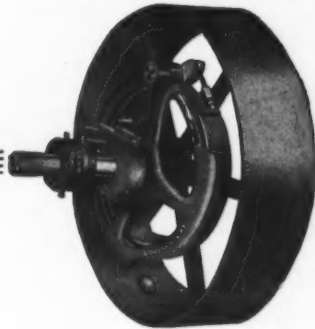
Morgan H. Thomas of the Garrett-Buchanan Company is back at his desk today after a two weeks' absence due to the "flu."

William H. Clark of the Howard Paper Company, Urbana, Ohio, is in the city with a line of fine papers.

On the steamer *Mackinaw*, which sailed for London last week, there were 2,495 rolls of wet wood pulp.

### Northwestern Paper Merchants Elect Officers

MINNEAPOLIS, Minn., March 20, 1919.—The Northwestern Paper Merchants' Association held its annual meeting March 5 in Minneapolis and officers for the ensuing year were elected as follows: F. G. Leslie, president, Leslie-Donahower Company, St. Paul; W. C. Wilson, secretary and treasurer, McClellan Paper Company, Minneapolis; E. P. Shanley, vice-president, Melady Paper Company, St. Paul; F. L. McClellan, fine goods executive committeeman, McClellan Paper Company; A. W. Leslie, representative of the coarse goods, John Leslie Paper Company, Minneapolis.



## A Safe Clutch

The Caldwell Friction Clutch is safe because it is simple, compact and sturdy in construction and easy to operate. Important parts are made of steel. No danger of breakage. One Lever Controls It. One Screw Adjusts It. Both in plain view. Both easy to get at.

The brake band grips the entire circumference of the friction ring and transmits the maximum power with minimum effort.

Be on the safe side—install a Caldwell Friction Clutch.

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**W. E. CALDWELL CO.**

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*Caldwell*  
 FRICTION  
 CLUTCHES



**We go the limit  
 to get a customer**

**—And we go the  
 limit to hold one**

*This should appeal to you*



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 DOMESTIC & EXPORT  
 WRAPPING  
 PAPER

## Use "NATIONAL" Colors For Your Papers

The dyes offered by the National Aniline & Chemical Company cover every special requirement of the paper manufacturer.

### Acid Colors

These colors are adapted to a wide variety of uses, and are noted for their fast qualities.

- Metanil Yellow 1955
- Croceine Orange Y Conc.
- Croceine Scarlet M O O
- Fast Red S Conc.
- Wool Scarlet B R
- Alkali Blue 2 G P
- Alkali Blue 3 R P
- Nigrosines

### Basic Colors

Basic Colors combine brightness of shade with good tinctorial power, but are not so impervious to light.

- Auramine N A C
- Bismark Brown 53
- Victoria Green W B
- Safranine A
- Methyl Violet 2 B
- Methylene Blue 2 B
- Fuchsine P

## National Aniline & Chemical Company

Incorporated

21 Burling Slip, New York

## CHICAGO PAPER SITUATION REPORTED SLOWLY MENDING

**Improvement Is, However, Admittedly Slow—Sales for the Week Show Considerable Increase But This Is Accounted for by the Fact That Several Large Contracts for Book Paper Were Let by State Printing Departments—These Were Let Under Keen Competition and Low Prices Were Quoted—Much Interest Is Being Manifested in Plans for Facilitating Export Business.**

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, March 24, 1919.—The general condition of the paper trade of the city remains about the same. The situation is mending, but the improvement is slow. The mill agents reported a considerable increase in tonnage, the average for the week being boosted to some extent by the letting of a couple of large contracts for book paper by state printing departments. These orders came through Chicago mill agents, and were secured in all cases against the fiercest competition. Those agents who secured the orders were not overjoyed, and frankly admitted that the victory in each case was not without its sting, because of the low prices which were quoted. Some of the middle western mills have closed down entirely during the past ten days, and others are not running more than half time. However, the mills are taking advantage of the quiet spell to do an unprecedented amount of overhauling and repair work. However, the high cost of all materials is preventing the mills from going the limit in this direction, and for the present many of them are doing only what they are obliged to do. During the past week prices in all branches of the paper trade have displayed weakness, and all sorts of plans are being worked by mill salesmen to induce customers to buy paper. The jobbers admit that they are looking for lower prices, and on that account are not placing more than enough orders to answer their immediate requirements.

### Interest in Export Business

Through mill representatives of this city it has been learned that the mills of middle western territory are keenly interested in plans for facilitating export business. They realize that the future of the paper industry lies in export. Within the next six months it is probable that a number of mills which have never before attempted an export business will be getting into the game, while those mills to whom exporting is an old story will seek to increase their business. Many of the mills will have representatives at the mass meeting of the Foreign Trade Council, which will be held in this city April 24, 25 and 26 at the Congress Hotel. Some definite arrangements for export business—especially banking arrangements—are expected to be made at this conference. Meanwhile, the Illinois Manufacturers' Association has established a branch office in New York, with a view to boosting export business for Chicago and Illinois concerns. The paper trade expects to benefit from this New York office, which is primarily a means of getting into touch with foreign buyers who in the past have always done their buying in the east. Many foreign buyers for paper and other articles visit the country regularly, or did before the war, at least, and now that trade channels are once more open a resumption of this visitation is expected.

### The Matter of Discount Terms

The dispute on discount terms between Chicago paper dealers and local printing houses may be settled next week, as it is believed that the committees representing the two sides will be

able to get together by that time. The paper dealers want terms of 2 per cent and 10 days, while the printers wish to cling to the established custom of 3 per cent and 15 days. The paper dealers declare that the mills have been tightening the terms on them for some time, and point out that they cannot be expected to give more liberal terms than they are receiving themselves. The printers declare that if they have to pay their paper bills before the 10th of the month they are pushed too hard to collect their own money from customers. They say that under the old fifteen days arrangement business was conducted in a very satisfactory manner, and that there is therefore no good reason for making a change.

The West Side Paper Products Company has just been incorporated for \$5,000, to deal in paper specialties.

James Cavanagh, of the Milwaukee branch of the Seaman Paper Company, paid a visit to Chicago headquarters during the week.

### Preparations for Liberty Loan

Preparations are being made in the paper trade for the next Liberty loan. The work of securing subscriptions will be conducted along the same lines as in the case of the other four loans, but the personnel of the different field teams will be altered. This is due to the fact that some of the salesmen who were willing to give their entire time to the work before, now find themselves obliged, they say, to give full attention to their own business.

### General Trade Notes

W. N. Gillett, of the Chicago Paper Co., has returned from an out-of-town business trip.

George Olmsted, of the J. W. Butler Paper Company, is back in the city after finishing an eastern trip.

E. E. Lloyd, of the E. E. Lloyd Paper Company, is out of the city on a business trip.

Fred Dresskell, manager of the Chicago branch of the Champion Coated Paper Company, has gone to Jacksonville, Fla., for a short vacation. Mrs. Dresskell preceded him southward a couple of weeks ago. Walter Randall, secretary and treasurer of the company, was in the city for several days this week.

Ed Schmidt, of the Parker, Thomas & Tucker Paper Company, returned to the city this week after finishing an eastern business trip.

Harold Helmar, of Beecher, Peck & Lewis, Detroit jobbers, was recently in the city on business.

J. W. McNulty, of the McNulty Paper & Twine Company, has returned to the city after visiting in northwestern territory.

Supplement No. 1 to the Consolidated Freight Classification makes a number of changes in classification and specifications for the packing of wrapping paper and oiled papers. Local mill agents and jobbers were informed of the changes last week.

Arthur Bermingham, of the Bermingham & Prosser Company, returned to the city this week after a short visit to Kalamazoo.

M. D. McAlpine, of Bradner, Smith & Co., recently visited among the mills in Wisconsin territory.

Douglas Wray, of the Douglas Wray Paper Company, is planning to spend a few days' vacation at Excelsior Springs, Mo.

E. J. Cady & Co., manufacturers of paper scales at 326 W. Madison street, plan to increase factory equipment within the next few months. This step will give the firm a greatly increased production, with which to meet the growing demand for its scales.

D. F. Peck, of the D. F. Peck Paper Company, is much pleased with his new arrangements for looking after business since he moved from the Fisher Building to the warehouse at 866 Larrabee street. Mr. Peck finds that he is able to give prompter attention to orders, and also that errors, due to telephone conversation, have been entirely eliminated. The company has transacted a record business since the first of the year.





**Malachite Green (Crystals)**

**Methyl Violet**

**Methylene Blue**

**Fuchsine**

**Soluble Blue**

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CINCINNATI  
MONTREAL

## PAPER TRADE OF BOSTON HAS ENJOYABLE DINNER

**Thirty-third Annual Meeting and Banquet at the Association of the Copley-Plaza Hotel Is Largest and One of the Most Enjoyable Ever Held in the History of the Organization—Excellent Speeches Were Delivered by Major Swan and Joseph T. Alling, of the Alling & Cory Co., Who Did Important Y. M. C. A. Work in France—Mark H. Warren Is Again Elected President.**

(FROM OUR REGULAR CORRESPONDENT.)

BOSTON, Mass., March 20, 1919.—When Colonel Charles S. Proctor arose at the close of the 33rd annual meeting and banquet of the Boston Paper Trade Association last evening and moved that a vote of thanks be extended to the two guests and speakers of the evening "For the most interesting and entertaining talks ever delivered before the Association," he voiced the sentiments of the one hundred and sixty-nine others present and beat them to the motion by the merest fraction of a second. The event was notable for another feature in that it was the largest gathering of the Association, despite the fact that the Automobile Show and the nationally advertised debate on the League of Nations between President Lowell of Harvard and Senator Lodge were other magnets of the same evening.

### Excellent Speaking

The talks of Major Carrol J. Swan, U. S. A., and Joseph T. Alling, head of the well known paper house of Alling & Cory Company, will long be referred to when discussions of the past war are being made. The Copley Plaza Hotel was the scene of the occasion, as the Algonquin Club, long recognized as the rendezvous of these annual affairs, was unable to care for so large a gathering. The usual reception was held prior to the banquet during which it was generally commented that the personnel attending, included few who were unacquainted, a most pleasing compliment, and accountable largely for the reason why the Boston annuals are most enjoyable and such successes socially. The singing of the popular war songs, led by a member of the War Community Service, featured during the serving of the dinner, and developed a spirit of rivalry when different sections were selected to sing a different chorus at the same time. Prior to the business session which was quickly disposed of, a silent toast was drunk to the memory of Herbert W. Carter and James G. Taylor, two members who passed away during the past year.

### Election of Officers

At the business session the following were reelected to office for the ensuing year: President Mark H. Warren, First Vice-President Herbert L. Mason, Second Vice-President John A. Andrew, Treasurer Thomas H. Casey, Secretary William B. Stevenson, Auditor Arthur W. Burr.

Executive Committee—Charles L. Baird, chairman, F. B. Cummings, F. L. Thompson.

Membership Committee—Thomas M. Cook, chairman, W. W. Jenks, P. S. Von Olker, E. W. Teele, E. H. Stone.

Arbitration Committee—W. Murray Crane, chairman, George W. Wheelwright, A. E. Esleek, Willard F. Smith, Waldo E. Pratt.

### Remarks by Major Swan

Major Swan, who was among the very first of our boys to meet the shell fire of the Germans, he being at the head of the "101st Engineers," graphically described many of the battles, interspersing the serious situations with recitals of the amusing incidents which occurred as well. He laid strong emphasis on the

morality of the American forces, stating a cleverer body of men could be found nowhere, and less than one-nineteenth of one per cent. suffered from disease.

### Mr. Alling Tells of Y. M. C. A. Work

Mr. Alling, who served at the head of the Y. M. C. A., told of the work of his organization and the sincerity of his remarks was sufficiently convincing to prove that the criticisms of the work of the Y. M. C. A. were not well founded. He proved by figures the enormous task which the government turned over to the "Y," admitting that it could not successfully handle the undertaking itself and desired to be relieved of it immediately—a business of \$90,000,000 annually. Mr. Alling is a most convincing speaker and backed by figures and his experience at the front, he held his audience spellbound with his recital of the events as they transpired from day to day. Like Major Swan, he referred to the morality of the men and believed every returning soldier would be a better Christian through his experiences in the lines. During the business session John P. Ingalls, of Ingalls, Cronon Company, Boston; Geo. Andrews, of the Monadnock Paper Company, and John L. Munro, of the Munro, Church Company, were admitted as members.

### Among Those Present

Those present included the following:

President Mark H. Warren, of Arnold, Roberts Company, Boston; Major Carroll J. Swan, guest of the evening; Joseph Alling, or Alling & Corey, guest of the evening, Rochester, N. Y.; Secretary Thomas H. Casey, of Casey-Bigley Company, Boston; Dr. William E. Browne, of Boston; Commander J. E. Bass, U. S. N.; George W. Wheelwright, of George W. Wheelwright Paper Company, Boston; Thomas N. Cook, of Cook-Vivian Company, Boston; J. Richard Carter and Frank W. Power, of Carter, Rice & Co., Boston; Alfred Hallam, Boston.

L. E. Maglathlin, of Strathmore Paper Company, Mittineague, Mass.; A. Laubscher, of P. P. Kellogg Envelope Company; George H. Lowe, Charles A. Loung, H. W. Morgan, J. C. Kennedy, A. C. Pratt, W. J. McLellan, H. L. Carter and F. W. Winter, of Carter, Rice & Co., Boston.

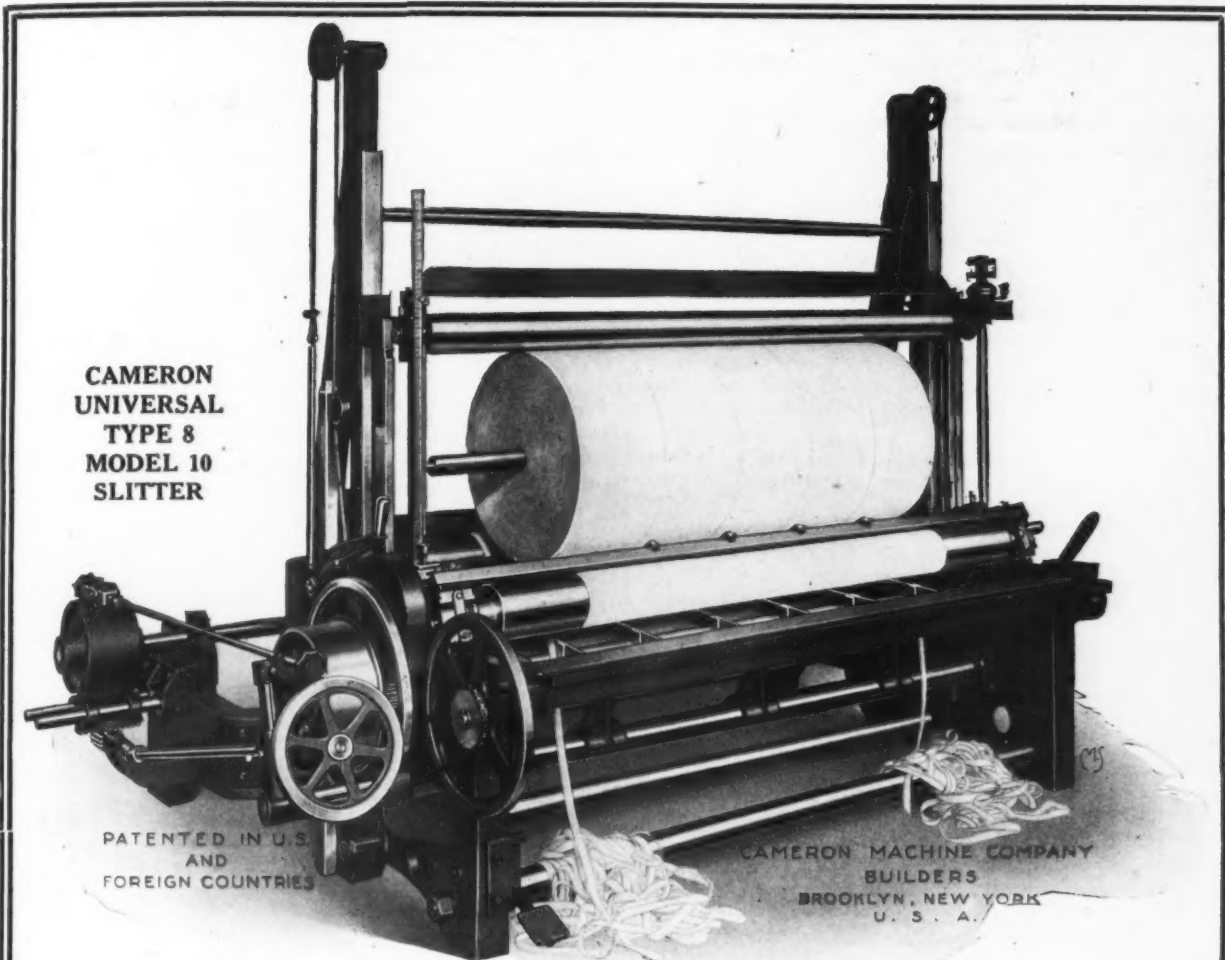
William F. McQuillen, of A. Storrs & Bement Company, Boston; William C. Ridgeway, of New York City; Ross P. Andrews, of R. P. Andrews Paper Company, Washington, D. C.; George E. Hall, of Boston Woven Hose and Rubber Company, Boston; Captain E. V. Chisholm, Washington, D. C.; William C. Powers, of Great Northern Paper Company, New York City; Owen Shepherd, of International Paper Company, New York City; William A. McKenney, Boston; J. E. A. Hussey, of International Paper Company, Boston; Colonel Charles S. Proctor, of Proctor Paper Company, Boston.

K. B. Fullerton, Jr., of Manufacturers' Paper Company, Boston; John P. Ingalls, of Ingalls & Cronin Paper Company, Boston; Asaph Churchill and John W. Badger, of Asaph Churchill, Boston; M. L. R. Gardner, A. A. Adams and S. P. M. Gardner, of R. L. Greene Paper Company, Providence, R. I.

J. F. Perry, of Coy Paper Company, Claremont, N. H.; Walter P. Simonds and Harry R. Woodward of Train, Smith Company, Boston; Arthur J. Pierce and Gilbert H. Gleason, of Monadnock Paper Mills, Boston; J. L. Munro, F. E. Church and William H. Furbish, of Munro & Church Company, Boston.

Harold Hinckley, of Union Iron Works, Bangor, Me.; W. F. Robertson, of W. F. Robertson Company, Hinsdale, N. H.; Perly Palmer, of Orono Pulp and Paper Company, Orono, Me.; Fred Dolbear, of Great Northern Paper Company, Boston; James McGarry, of Manchester, N. H.; Arthur H. Hobson, of St. Croix Paper Company, Boston; C. B. McGrath, of Grand Lake Company, Grand Lake, N. H.; Harry V. True, of Boston; Harry E.

(Continued on page 26)



**CAMERON  
UNIVERSAL  
TYPE 8  
MODEL 10  
SLITTER**

PATENTED IN U.S.  
AND  
FOREIGN COUNTRIES

CAMERON MACHINE COMPANY  
BUILDERS  
BROOKLYN, NEW YORK  
U. S. A.

## Slitter for Finishing Room

The new Cameron Slitter and Winder, known as Universal Type 8 Model 10, is especially designed for heavy work in the Finishing Room. Machines of this type made in sizes up to 92" in width. A few important features are as follows:

1. Heavy construction to withstand strain of continuous operation.
2. Simplicity of design so that machine can be operated by anyone without special skill.
3. Rapid adjustment of slitters for change of width of rolls or width of trim.
4. Score Cut method in preference to any other method of slitting.
5. Does perfect work on any kind of paper made, producing clean cut and accurate rolls.

In addition to the above, there are a number of other important structural details and operating conveniences about which we will tell you. Send for photos, blueprints, and full particulars.

### **CAMERON MACHINE COMPANY**

55-67 POPLAR STREET

BROOKLYN, N. Y.

Agents for Canada—Toronto Type Foundry Co., 70 York St., Toronto, Canada

## Obituary

**Albert H. Chatfield**

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, March 24, 1919.—News has been received here of the death of Albert H. Chatfield, aged 59 years, who was for many years at the head of the Chatfield & Woods Paper Company, Cincinnati, and the Chatfield Manufacturing Company of Carthage. Mr. Chatfield died at the home of his sister, Mrs. Frederick Gilbert, Utica, N. Y., last Thursday following a brief illness. He left the Miami Valley last Tuesday to visit his sister but was stricken with pneumonia soon after his arrival. He had previously suffered from a heart affection, it is understood, and his physical condition was not such as to be able to resist an attack of pneumonia. Captain William H. Chatfield, his son, was summoned to his bedside and upon his arrival he telegraphed for the family physician, Dr. Emanuel Schwab, who arrived in Utica shortly after Mr. Chatfield's death.

Few men in the Miami Valley were better known in business circles than Mr. Chatfield. He had extensive interests in Cincinnati and other cities, chief of which were in Cleveland and Detroit, Mich. In 1880 Mr. Chatfield became identified with the business of his father, William H. Chatfield, a paper merchant. This was after his graduation from Bliss school. About the same time his cousin and business associate, Harry F. Woods, entered the business, and they were associated pleasantly for many years, building up a large and prosperous trade. Mr. Chatfield was born in Cincinnati on November 3, 1859.

Though a busy man, Mr. Chatfield managed to take an interest in affairs outside his office. He was a leading member of the Chamber of Commerce, the Business Men's Club, the Queen City Club and other organizations, while he was also a director of the Cincinnati Equitable Fire Insurance Company. For many years he was prominent in musical circles and served as a member of the executive committee of the Cincinnati Symphony Orchestra until his health forced him to retire. He was an active supporter of the May festival and the Art Museum and was a director of the Rockwood Pottery.

Surviving him are his widow and three sons, Frederick Chatfield, an attaché of the Hoover Food Relief Commission in Europe; Capt. Wm. H. Chatfield and Albert H. Chatfield, Jr., a student at Harvard.

The body was shipped to Cincinnati and funeral services were conducted Saturday afternoon at 2:30 o'clock from the late home, on Madison Road. Rev. T. W. Attridge of Christ Episcopal Church officiating.

### BOSTON PAPER TRADE DINNER

(Continued from page 24)

Bailey, of Boston; Calvin Neally, of Great Northern Paper Company, New York City.

Charles H. Wood, Gordon E. Emerson, Horace B. Sergeant and C. Herbert Jefferson, of E. Butterworth & Co., Boston and New York City; Frederick B. Smith and Bennett Wells, of W. H. McElwain Company, of Boston; Herbert E. Young, of Ludlow Manufacturing Associates, Boston; L. D. Post, publisher, *The Paper Mill*, New York City.

E. C. Robertson, of E. C. Robertson Company, Hinsdale, N. H.; M. A. Mills and E. J. O'Brien, of Mills Machine Company, Lawrence, Mass.; Rainsford Dewart, of Pepperill Card and Paper Company, East Pepperill, Mass.; John Regnier, of J. A. & W. Bird Company, Boston; J. O. Ross, of B. F. Sturtevant Company, Hyde Park, Mass.; A. L. Delesdernier, New England manager of *The Paper Mill*, Boston; A. L. Brookhouse, of Liberty Paper Company, Bellows Falls, Vt.; F. L. Willis, of Moore &

Thompson Paper Company, Bellows Falls, Vt.; Abner C. Denison, T. H. Hubbard and A. D. Gray, of Denison, Pratt Company, Boston; Charles W. Esty, L. W. Parmenter and R. E. Knight, of C. W. Esty Paper Company, Worcester, Mass.

E. C. Walker, of Collins Manufacturing Company, Holyoke, Mass.; John A. Andrews and Henry L. Goodman, of Stone & Andrews, Boston; Emery M. Wright, of United Drug Company, Boston; S. R. Whiting, of Collins Manufacturing Company, Holyoke, Mass.; George C. Andrews, Charles G. Wells and Randolph Frothingham, of Monadnock Paper Mills, Boston; Harry Olmsted, of J. W. Butler Paper Company, Dallas, Texas; Fritz Lindenmeyr, of H. Lindenmeyr & Sons, New York City; Herbert W. Mason, Roger D. Smith, E. C. Hastings, L. E. Palmer, C. J. Perkins, A. C. Wilde, E. L. Young, J. W. Clark and E. L. Barnard, of S. D. Warren Company, Boston.

Arthur Ham, Bryant McQuillen and W. B. Stevenson, of A. Storrs & Bement Company, Boston; R. B. Taft, of Hammermill Paper Company, Erie, Pa.; A. P. Ramage, of Missisquoi Pulp and Paper Company, Sheldon Springs, Vt.; R. B. Rising, of B. D. Rising Paper Company, Housatonic, Mass.; John W. Vivian, Edwin Porter, Jr., and William Ross, of Cook-Vivian Company, Boston; Col. Jediah P. Jordan, of Jordan Card and Paper Company, Boston; George W. Holbrook, of American Writing Paper Company, Holyoke, Mass.; Henry T. Huguley, of Dorchester, Mass.

Ralph H. Fales, of Linten Brothers & Co., Fitchburg, Mass.; H. F. Harrison, of West Virginia Pulp and Paper Company, New York City; F. S. Arnold, Royden Loring and E. S. Barker, of Arnold Roberts Company, Boston; Percy E. Weston, F. H. Merrill and John F. Kuster, of Andrews Paper Company, Boston.

Charles Vose, of Hollingsworth & Vose Company, Boston; E. H. Stone, Preston Pond, Dr. F. W. Johnson, Robert M. Stone, George W. Sheridan, O. R. Karnheim and Frank VanDala Linda, of Stone & Forsyth Company, Boston.

W. H. Hilton, of Logan, Swift & Brigham Envelope Company, Worcester, Mass.; A. C. Hall, C. S. Hall, A. P. Carter, Max Frank, R. B. Pierpont, E. H. Little and H. E. Waite, of John Carter & Co., Inc., Boston.

H. S. Proctor, of Proctor Paper Company, Lowell, Mass.; Waldo E. Pratt, M. L. Madden, H. C. Thayer, R. P. Babbidge and W. A. Merrill, of Hollingsworth & Whitney Company, Boston; W. L. Muzzer, of Proctor Paper Company, Boston.

Charles H. Coye, of C. H. Dexter & Sons, Inc., Windsor Locks, Conn.; George W. Wheelwright, Jr., of George W. Wheelwright Paper Company, Boston; T. E. Allen, of Munroe Felt and Paper Company, Lawrence, Mass.; G. Stanley Morse, of Valley Paper Company, Holyoke, Mass.; Perry B. Von Olker, of Von Olker-Snell Paper Company, Boston.

Charles K. Wadham, of Z. & W. N. Crane, Dalton, Mass.; Herbert J. Casey, chief yeoman, U. S. N., Washington, D. C.; W. J. Bigley, W. S. Bigley and T. C. Casey, of Casey-Bigley Company, Boston; Arthur N. Burr, Boston; A. A. Tanyane, of PAPER TRADE JOURNAL, New York City.

### Tacoma to Have New Book Mill

[FROM OUR REGULAR CORRESPONDENT.]

SAN FRANCISCO, Cal., March 17, 1919.—Negotiations have been completed for the financing and construction of a \$600,000 book paper mill at Tacoma, Wash., according to Frank C. Baker, of Tacoma, who is registered at the St. Francis Hotel. The new mill is to have a capacity of 20 tons of high grade book paper daily and is the first paper mill of any kind to be financed on the Pacific Coast, since the armistice was signed.

In addition to his interests in the Cascade Paper Company, which is to build the new mill, Baker is the owner and publisher of the Tacoma *Ledger* and *News-Tribune*.

TRADERS' BRANDS OF  
**Manila Document and Tag Boards**

ONYX—PHOENIX—YALE—CHIEF and NO. 1

**SOLID MANILA BOXBOARDS**

OF EVERY DESCRIPTION

**WHITE MILL BLANKS**

UNSURPASSED QUALITY

PROMPT SERVICE

PAPER DEALERS—We have the facilities to serve you. Write for sample sets and prices.

**UNITED PAPERBOARD CO.**

Incorporated

171 Madison Ave.

New York City

SALES OFFICES

1027 Pierce Bldg., St. Louis, Mo.

Wabash, Ind.

403 Marshall Bldg., Cleveland, Ohio

1522 Harris Trust Bldg., Chicago, Ill.

**“AMERICAN” TWINES**



Paper Makers' Twine

Tube Rope

Wall Paper Twine

Hay Rope

Fine and Coarse Polished Twines

Manila Rope

Transmission Rope



*For Prices Write Department M*

**American Manufacturing Company**

Largest Makers of Commercial Twines and Rope in the World

*Mills and Sales Office:*

**NOBLE AND WEST STREETS,**

**BROOKLYN, NEW YORK CITY**

## AMERICAN WRITING PAPER CO. IS IMPROVING CONDITIONS

**Has Just Opened Four Emergency Hospital Units Which Will Afford the Employees a Complete Health Service—National Blank Book Co. Makes Excellent Showing Under Its Unique Arrangement for Collecting Funds for the Red Cross—Burnside Tissue Mills Are Incorporated by Nathan G. Read and Others—Z. Marshall Crane Goes Abroad—U. S. Envelope Co. Meeting.**

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., March 24, 1919.—The American Writing Paper Company continues to lay plans and perfect improvements in working conditions at its various local divisions that are of invaluable aid and benefit to the thousands of employees.

Last week the company announced the opening of four emergency hospital units, which affords the employees a complete health service. Under the group life insurance plan the health of the employee is guarded by a visiting nurse, and with the establishment of fully equipped hospitals all cases of minor injury and slight indisposition are promptly and properly attended to.

The hospital units have been installed at the Beebe & Holbrook Division, the Mt. Tom Division, Riverside No. 1 Division, and the George R. Dickinson Division. Each unit has a trained nurse in attendance and is equipped with every modern appliance for the handling of minor industrial accidents. In cases where serious injury is sustained the nurse will summon the chief surgeon and render first aid treatment and have the victim of the accident removed to one of the city hospitals, or to his home.

One of the features of this hospital service is the treatment afforded accident cases which may not have occurred while at work. If an American Writing Paper Company employee sustains a slight injury at home or elsewhere he is welcome to treatment at one of the company's hospitals.

The nurse also calls at the home of the person who is severely injured, besides keeping a record of each case, and no patient is discharged until fully recovered.

Dr. E. A. Knowlton, who served in the army medical corps, is chief surgeon for the company. The hospitals were installed and equipped by Chief Engineer John Moles of the company, under the direction of Dr. Tucker, of the Aetna Life Insurance Company.

With the opening of these hospitals the American Writing Paper Company is now one of the most modern manufacturing establishments in the country and is becoming more and more home-like for the employees. There is still, however, another much needed thing, and that is an American Writing Paper Club for the employees. A concern the size of the American Writing Paper Company and under such progressive management as is now in power, should have a club house for its men and women employees. This club house should be so erected as to afford maximum recreation for the employees, including a dance hall. Baseball games and indoor sport should be arranged for the male employees, and games and jollifications for the girl and women employees. Undoubtedly the day is coming when this, too, will be an actuality.

### National Blank Book's Red Cross Fund

Inaugurated by the National Blank Book Company nine months ago, the plan for working one hour a week overtime, the proceeds to be considered as the employee's fund for Red Cross and War Work activities, has been a success beyond all expectation. A statement of the results obtained, just issued, shows that a total of \$11,724.04 was raised through the plan from June 1,

1918, to March 1, 1919, of this the earnings of the 540 employees enlisted in what was known as the National Minute Volunteers totaled \$7,224.04, and the company contributed 50 per cent. of the employees' earnings as above, or \$3,612.03. L. F. Avery is treasurer of this organization.

### Z. Marshall Crane Goes Abroad

Z. Marshall Crane, identified with the large Crane paper making interests at Dalton, sailed from New York last Wednesday for a year and a half abroad, six months of which he will spend in the Red Triangle service. Thereafter he will go to the near East as a member of the relief expedition, to which he has been officially appointed. While abroad he will visit Armenia and other countries that have figured so prominently in events of the past four years. In Paris he will meet his brother, Charles K. Crane, who has been assistant manager of the Massachusetts Information Bureau for Soldiers and Sailors for the past 18 months, and who expects to come home next month.

### Burnside Tissue Mills Incorporate

Although manufacturing lightweight papers which will include tissues, napkins, etc., Nathan G. Read, who three weeks ago acquired the old Walker paper mill at Burnside, Conn., stated the other day that contrary to the reports that he would go in competition with the Japanese Tissue Mills, of which concern he is vice-president, he will manufacture lines devised by himself. "They will be different, and in no sense competitive," said Mr. Read.

The new concern is to be known as the Burnside Tissue Mills, Inc., and will get their new lines of paper into the market just as soon as the present paper mill machinery is re-vamped for manufacturing tissues. Mr. Read's denial of his slightest idea to manufacture lines of paper in direct competition to the Japanese Tissue Mills, came as a result of the published reports to this effect, but as stated in the columns of THE PAPER TRADE JOURNAL a fortnight ago, the lines will be tissues.

A certificate of incorporation was granted the new concern last week. Francis W. Cole, of Hartford, Conn., formerly corporation counsel, is secretary of the new corporation. The amount of the capital stock subscribed for is \$51,200 and the amount paid thereon in cash, \$1,600, the remainder being in property and other cash. Mr. Read subscribed for 500 shares, Mr. Cole for five, J. M. Read, also of this city, for one, the value of each being \$100.

### U. S. Envelope Co. Elects Officers

The United States Envelope Company, with branch factories in this city, Worcester, in Connecticut and other parts of the country, and with main factories and offices in Springfield, held its annual meeting at Portland, Me., electing the following officers:

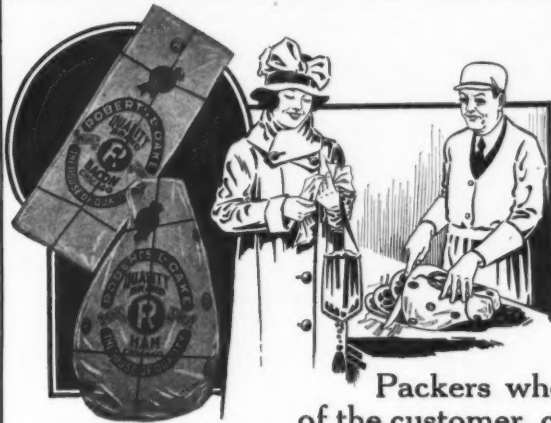
Treasurer, William O. Day, of Springfield; clerk, Franklin C. Payson, of Springfield; directors, C. Henry Hutchins, James Logan, former mayor, Louis H. Buckley, Willard E. Swift, and Samuel E. Winslow, all of Worcester; Ernest R. Whitcomb, of Amherst; Robert W. Day, William O. Day, Judge C. L. Long, E. P. Kellogg, all of Springfield; J. M. Plimpton, of Hartford, Conn.; Albert Hale and Felix Rackeman, of Boston.

C. Henry Hutchins was also re-elected president of the company at the meeting of the directors held in Springfield last week Wednesday.

### To Make Employees Like Their Work

With the idea of spreading throughout the factory something of the old-fashioned joy of creation which the New England mechanic of a century ago experienced in producing wares by his hands, the White & Wyckoff Manufacturing Company last week began instructing its 600 employees in the part which each one played in producing the new 1919 line of holiday stationery, samples of which are now on display.

(Continued on page 30)



## “It’s KVP Vegetable Parchment

*THAT PROTECTS THE MEAT,  
MADAM!”*

Packers who desire that their meats reach the table of the customer, clean, prime and delicious, are protecting ham and bacon by wrapping them in KVP vegetable parchment paper.

The original pungent and smoke-instilled flavor is preserved — the keen appetites of Mr. Butcher’s particular customers are thoroughly satisfied — and this helps business!

Write for “meaty” samples of vegetable parchment paper.

---

**KALAMAZOO VEGETABLE PARCHMENT COMPANY, Kalamazoo, Michigan**

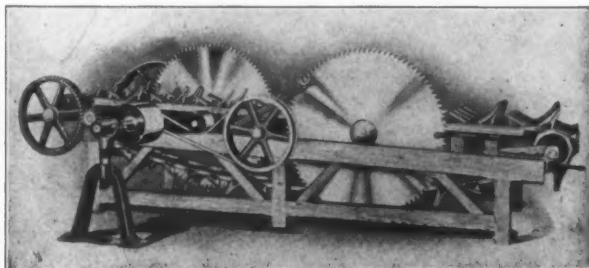
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## Increased Capacity Lower Cost Per Cord

THE

### Ryther Slasher

is the most efficient and the lowest cost method of reducing long logs to uniform short lengths suitable for further manufacture into pulp and paper.



Built in all sizes to handle logs from 4 feet to 32 feet in length. Can be arranged to trim either one or both ends of logs if desired.

**RYTHER & PRINGLE CO.,**  
Carthage, N. Y.



## New York Trade Jottings

Most of the paper houses in this city were closed all Tuesday, in honor of the parade of the 27th Division.

J. Westergaard, of A. J. Pagel & Co., pulp dealers of 347 Madison avenue, has just returned to his desk after an extensive trip to paper mills throughout the United States.

L. Gailer has been appointed authorized agent of the E. E. Lloyd Paper Company of Chicago, Ill., and has opened offices in the Astor Trust Company building, 501 Fifth avenue.

L. Shulberg, who is at present engaged in the paper mill supply business at 140 Nassau street, will move on or about April 1 to larger quarters in room 610 of the World Building, 63 Park Row.

Leo Bowmall of the American Woodpulp Corporation, pulp dealers of 347 Madison avenue, is out of town visiting the mills this week. Mr. Bowmall expects to sail for Scandinavia early next month.

The Bureau of Envelope Manufacturers of America is at present endeavoring to find permanent headquarters in this city. This bureau is now located in temporary quarters at 1 Broadway. R. A. Magill is secretary of the organization.

The Bogota Paper and Board Company, which is incorporated under the laws of New Jersey with a capital of \$100,000, has been authorized by the Secretary of State to do business in New York. H. S. Smith, of 30 Church street, has been appointed representative of this firm.

April 14-19 has been designated as wall-paper week, and during that period local wall-paper dealers will compete with dealers in other parts of the country in arranging attractive window displays and newspaper advertisements. The competition will be under the direction of the Allied Wall-Paper Industry, whose offices are located at 1328 Broadway.

### IMPROVEMENTS AT HOLYOKE

(Continued from page 28)

The employees of the receiving, printing, linen-finishing department, ruling, packing and office, were summoned to the sample room of the company. After viewing the line and having new technical and artistic points explained, they listened to a lecture given by John B. Aikman, officer manager, who described in full the contributions made by each branch of the organization toward perfection of the whole display.

"Every truckman who handles our raw material carefully when it comes to the factory, every printer who takes extra pains to make his work or his stamping absolutely true to the design; every employee, in short, who avoids slipshod methods in every operation he performs has a right to feel that a big part of the usefulness and beauty of our products belongs to him," said Mr. Aikman. "On the other hand, everyone of us who through carelessness or thoughtlessness injures the work that passes through his hands, hurts us with our customers, hurts our usefulness to the community and, what is still more serious, spoils all the good work which his fellow workers have put in on the same article."

"The idea is not a new one," said E. N. White, treasurer of the company, "but we think it is a good one. We feel that every Holyoker who helps in any way to produce good stationery is contributing comfort, utility, and beauty to the lives of his fellow men; and so far as our employees are concerned, we want them to have the full satisfaction of knowing this whether modern processes of industry are highly specialized or not."

## Sale of Used Paper Machinery

All of this apparatus has been used but is in first-class operating condition.

**Ready for immediate delivery and use**

### WELDED STEEL DIGESTERS

8' 0" x 25' 0" complete with cast iron base rings and fabricated steel supports.

### NOBLE & WOOD BEATERS

Rolls 72" dim. x 44" face—wooden tubs complete with washers and bed plates.

### NOBLE & WOOD JORDANS Mammoth Jr.

Complete with C. I. Plug; pulley; steel bar knives and wooden fillers.

### BOILER BARGAINS

Good boilers at the right price—have been used 6 months to 3 years but all in excellent condition.

<b>Sterlings</b>	<b>253 H. P.</b>
	<b>352 H. P.</b>
	<b>512 H. P.</b>
<b>Edgemoores</b>	<b>600 H. P.</b>
	<b>813 H. P.</b>

We are also prepared to supply complete boiler plants, including pumps, piping, breaching, stacks, etc.

*Note:—We are compiling an extensive list of machinery, electrical apparatus, mechanical supplies, tools and structural material of all kinds which we have for sale. If you desire to receive this list, when printed, please file with us your name and address.*

### DUPONT CHEMICAL COMPANY

Incorporated

Sales Department

Wilmington

Delaware



TRADE REVOLVING PORTABLE ELEVATOR MARK

# REVOLVATOR

Reg. U. S. Pat. Off.

LIFTS  
TURNS  
GOES ANY  
WAY  
WHERE

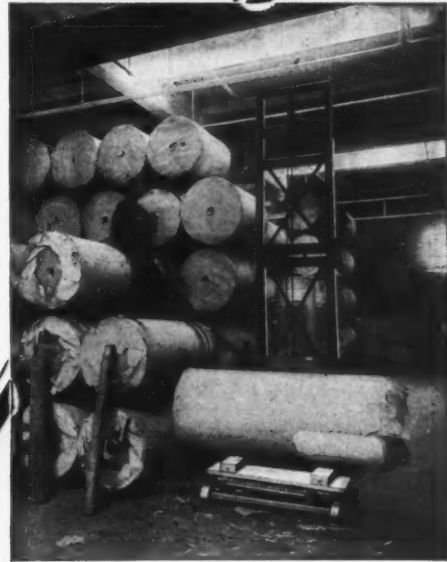
*Increases Storage Space  
50% to 200%*

"By means of it we have increased over 50% the storage capacity of our stock house . . . . They have not only been a saving in time and labor, but we have been enabled to economize in floor space."

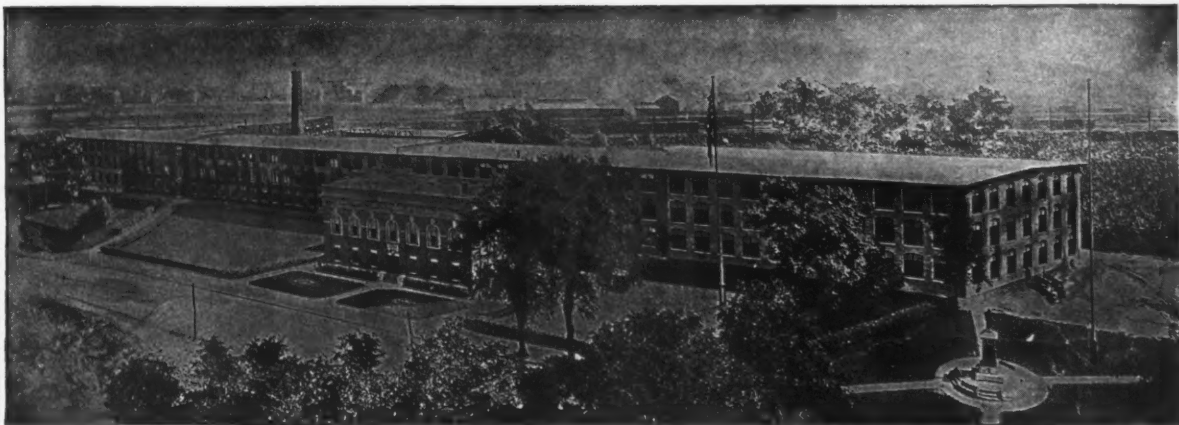
These and like expressions of satisfaction from big paper concerns will give you some idea of what the Revolvator can do for you. Our bulletin P. P. will furnish further evidence. Write for it.

## REVOLVATOR COMPANY

Sales Agents for N. Y. Revol. Port. Elev. Co.  
357 Garfield Ave. JERSEY CITY, N. J.



## F. C. HUYCK & SONS ALBANY, N. Y.



Manufacturers of Kenwood Felts and Jackets for all kinds of Paper and Pulp  
Seamless Felts both for high speed machines and fine papers.



The merchant whose wrapping paper bears this old familiar trade-mark—is making money.

## MOSINEE KRAFT

*"The Wrapper That Delivers the Goods"*

*"Service in Specialties"*

### Our Slogan

Our plant at Waterford is ideally equipped for speedy and effective service in colored specialties for all purposes. Try us.

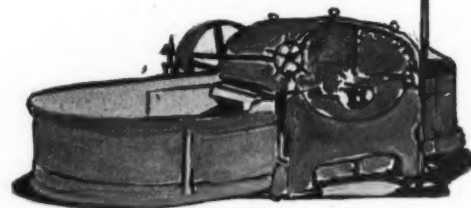
At Cohoes, our new mill is now concentrating upon the manufacture of WATCO Bond in white and colors, which has been received with such marked favor by paper buyers the country over.

*Let us quote on specialties of all descriptions*

**FRANK GILBERT PAPER CO.**

Waterford, N. Y.

Cohoes, N. Y.



## ALEXANDER JACOB & CO.

WAPPING, LONDON, ENGLAND

PACKERS OF ALL CLASSES OF ENGLISH AND CONTINENTAL PAPER STOCK. WASTE PAPERS, SHAVINGS, NEW AND OLD CANVAS, RAGS, ROPES AND STRINGS, GUNNY, TARES

Established 1875

Paris Office, 3 Cite Hauteville

## Mechanical Filters

GRAVITY AND PRESSURE TYPES

All Sizes, to Suit Locations  
No Proposition too Large or Small

**WRITE OR WIRE**

WE WILL CALL ON YOU

**NORWOOD ENGINEERING COMPANY**  
FLORENCE, MASS.

## ORR FELTS AND JACKETS

ALL ARE GIVING SATISFACTION ON

## NEWS AND FAST RUNNING MACHINES

THESE FELTS ARE WOVEN ENDLESS

**THE ORR FELT & BLANKET CO., Piqua, Ohio, U. S. A.**

# HOWARD BOND

WATERMARKED

Color Brilliant : Strength Wonderful

---

**THE HOWARD PAPER CO.**  
**URBANA, OHIO**



This shows latest model—driven by a steam turbine—the exhaust being used to heat water for next charge.

## WINESTOCK DE-FIBERING AND DE-INKING PROCESS

PATENTED

*Produces Strongest, Brightest and Best Pulp Obtainable from Waste Papers. Not a Mere Say-So, but a Fact.*

**CAPACITY—12 TO 15 TONS IN 24 HOURS**

It de-fibers and liberates ink and color in one operation. It separates ink and color from fibers, instead of rubbing, grinding or kneading them in—thus shortening the time required for washing, and insuring a brighter pulp.

**CASTLE, GOTTHEIL & OVERTON**

**200 Fifth Ave. Building** SOLE SELLING AGENTS **New York, N. Y.**  
IN THE UNITED STATES

E. D. Jones & Sons Co., Pittsfield, Mass., Builders in the United States.  
 Waterous Engine Works, Co., Ltd., Builders and Selling Agents for Canada, Brantford, Canada.

## Buchanan & Bolt Wire Company

ESTABLISHED 1878 AT HOLYOKE, MASS.

**Makers of Highest Grade Fourdrinier Wires, Dandy Rolls, Cylinder Covers, Brass Wire Cloth of all Meshes for Paper, Pulp and Coating Mills—Quality Guaranteed**

---

**We make a specialty of Fine Wires for Magazine and Book Papers**

# SULPHUR

## PRODUCTION WILL BE

---

SULPHUR DEPOSIT AND PLANT  
P. O. GULF, MATAGORDA Co., TEXAS  
CHAS. BIESEL . . . . . MANAGER



The  
mill  
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# BRIMSTONE

## 1,000 TONS DAILY

Production of High Grade Sulphur (Brimstone), from the mine of The Texas Gulf Sulphur Company, has been started and those open to place Sulphur contracts will find it advantageous to communicate with our sales department.

The tremendous size of this deposit (over 10 million tons), situated at Gulf, Matagorda County, Texas, assures a supply for many years.

The Sulphur is free from Arsenic, Tellurium and Selenium and equal in quality to any of the Sulphur deposits situated in the Gulf Coast Section.

The working conditions are favorable. Nearby oil fields assure an abundance of fuel oil and an ample supply of good water is provided by the Colorado River and artesian wells.

The financial position of the Texas Gulf Sulphur Company is exceptionally strong. Capital now invested \$4,000,000. Additional capital subscribed \$1,000,000.

Modern equipment, including a 10,000 H. P. Boiler Plant, has been installed and buildings are of steel frame and concrete construction. This equipment assures steady, dependable production.

Transportation facilities are excellent. The property is located on the Santa Fe Railroad and the close proximity of Galveston, Houston and Texas City insures prompt ocean shipments.

### TEXAS GULF SULPHUR Co.

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# Editorial

Vol. LXVIII. New York, Thursday, March 27, 1919 No. 13  
FORTY-SEVENTH YEAR

## The Misbranding Case

Paper men throughout the country are not unnaturally expressing considerable impatience and dissatisfaction at the hearing recently set by the Federal Trade Commission for Friday of this week, March 28, to inquire into alleged cases of misbranding by paper manufacturers. The Commission apparently takes the view that the words "linen," "bond," "Japanese," etc., used in connection with paper, convey an erroneous impression and it is to clear up this point and other points of similar character that the paper men have been invited to Washington.

After the trying times that the trade has experienced during the past several years, and with conditions still far from satisfactory it seems an especially unhappy time to take up what everybody connected with the trade will be inclined to regard as a decidedly unimportant matter. The terms mentioned have been employed so widely and so long by the paper trade that it is impossible to conceive how, even the most unsophisticated buyer of paper, could possibly be deceived by them.

As one paper man put it, a person who buys a so-called "linen" paper is about as likely to think that he is getting linen as a buyer of ivory soap is to think he is getting ivory. However, the Federal Trade Commission has made similar investigations in other trades and judging from the results in these cases, the paper men will have to defend seriously and carefully these trade customs or they may be caused considerable inconvenience by the Commission.

## Future of U. S. Employment Service

Even though the failure of Congress to pass the Urgency Deficiency Bill has cut the United States Employment Service down to skeleton form, the national machinery for placing soldiers, sailors and war workers in suitable employment will continue to function and the organization be held together until Congress meets in extra session and provides the funds necessary to carry on the work of finding jobs for the men who have served their country in its hour of need.

The Service, as is generally known, has been cut down 80 per cent., leaving 56 regular offices and about 2,000 emergency bureaus for returning soldiers, sailors and war workers. The representatives of the Employment Service in the demobilization camps are retained, and through the co-operation of individuals not connected with the Federal Government, the Employment Service believes it will be able to keep open many of the offices which it has been announced would be closed, and instead of two offices in New York State alone, there are indications that the number will reach at least twelve.

With the promised co-operation and support of communities and welfare organizations, the work will be continued. Plans already are in operation to arouse and make effective

sentiment throughout the country for the continuance of this work, and to assist Federal, State, Municipal and volunteer agencies to arrange for carrying on employment activities under the general direction of the Federal Employment Service.

John B. Densmore, director-general of the Employment Service, urges that business, labor, welfare and all other interests in every community in which a Federal employment office has been abandoned, take over the office and its work, in order to help meet the emergency that the country is now facing.

"The work of assisting soldiers, sailors and war workers to suitable employment must be continued at all costs," says the Director-General. "The unemployment area is spreading, and it means industrial insurance to the town or city which takes over an employment office which must necessarily be dropped by the U. S. Employment Service through lack of funds. Aside from sentimental and patriotic considerations, it will be a sound business investment to a community to carry on this necessary work. It is the misery caused by widespread unemployment that breeds social unrest and disturbance, and gives the agitator an opening."

In the general cut in the Service it has been found necessary to abolish the Professional and Special Section as well as the Skilled Labor Section. So far as possible the work of these two important sections will be carried on through the remaining regular offices, and through which high grade professional and technical men, as well as skilled and common labor will be supplied. In like manner, men for the farms throughout the United States, for the spring planting, for the summer work and for the harvest, will be furnished. Organization by the Council of National Defense of the Emergency Committee of Employment to assist the U. S. Employment Service and enlist community support for the offices of the Service which must be temporarily abandoned, is expected to be of great aid in meeting the emergency. Also a number of State Legislatures are considering appropriating funds to carry on the U. S. Employment Service organization and work in their states until Congress appropriates the necessary money. Several already have arranged to carry Federal Employment offices over the emergency. In addition to this, large numbers of employees of the Employment Service, deeply interested in the human problem that they have been helping to solve, have volunteered their services for the remainder of the emergency period. Many of the state heads have volunteered to continue at a nominal salary, and welfare organizations which have been co-operating with the Employment Service in the maintenance of the emergency bureaus for returning service men, are already increasing their efforts.

Following are fifty-six cities in which the Federal Employment Service has arranged to continue offices: Alabama, Birmingham and Mobile; Arizona, Phoenix; Arkansas, Little Rock; California, San Francisco and Los Angeles; Colorado, Denver; Connecticut, Bridgeport and New Haven; Delaware, Wilmington; Washington, D. C.; Florida, Jacksonville; Georgia, Savannah and Atlanta; Idaho, Boise; Illinois, Chicago, two offices;

Indiana, Indianapolis; Iowa, Des Moines; Kansas, Wichita; Kentucky, Louisville; Louisiana, New Orleans; Maine, Portland; Maryland, Baltimore; Massachusetts, Boston; Michigan, Detroit and Grand Rapids; Minnesota, Minneapolis and Duluth; Mississippi, Meridian; Missouri, Kansas City and St. Louis; Montana, Butte; Nebraska, Omaha, Nevada, Reno; New Hampshire, Manchester; New Jersey, Newark and Paterson; New Mexico, Albuquerque; New York, Buffalo, Syracuse, and New York City (two offices); North Carolina, Raleigh; Oklahoma, Oklahoma City; Oregon, Portland; Pennsylvania, Pittsburgh, Braddock, and Philadelphia; Rhode Island, Providence; South Carolina, Columbia; South Dakota, Pierre; Tennessee, Nashville and Memphis; Texas, San Antonio and Houston; Utah, Salt Lake City; Vermont, Montpelier; Virginia, Richmond and Norfolk; Washington, Seattle; West Virginia, Charleston; Wyoming, Cheyenne.

**A Remarkable Statement**

MONTREAL, Que., March 18, 1919.

EDITOR PAPER TRADE JOURNAL:

Your attention is called to an article in the March issue of the *Atlantic Monthly*, entitled "Developing the Estate," by Arthur D. Little, in which appears the following:

"Enough yellow pine pulpwood is consumed in burners, or left to rot, to make double the total tonnage of paper produced in the United States. Meanwhile, our papermakers memorialize the community on the scarcity of paper stock, and pay \$18 a cord for pulpwood which they might buy for \$3. It takes many years to produce a crop of wood, and wood waste, which now constitutes from one-half to two-thirds of the entire tree, is too valuable a raw material to be regarded longer as an incumbrance, except by an improvident management."

Whatever was the purpose of this remarkable statement, I think you will agree with me that its effect is to leave upon the mind of the average reader the impression that the paper manufacturers are paying \$18 a cord for pulpwood that they could buy for \$3, and that the only reason they are not taking advantage of this opportunity is because they do not know enough.

If, as Mr. Little avers, enough yellow pine pulpwood is wasted to produce twice the total tonnage of paper now produced in the United States—a statement open to challenge—the waste is not attributable to the papermakers, although that is the only inference deductible from Mr. Little's charge. Statistics issued by the United States Department of Agriculture (Bulletin No. 758) show that out of a total of 5,480,075 cords of wood consumed in producing pulp in the United States in 1917 only 142,094 cords were of the yellow pine species.

It is inconceivable that there could have been a waste in the process of conversion of this quantity of wood of the dimension suggested by Mr. Little.

As to paying \$18 a cord for wood that can be bought at \$3, the accusation is absurd on its face. Labor costs alone, for cutting and driving, are greatly in excess of the smaller sum mentioned by Mr. Little, as every manufacturer is aware.

Mr. Little, whose statement can have only one effect, that of prejudicing the paper manufacturers in the eyes of the public, is undoubtedly aware of the fact that paper manufacturing has reached the point where practically whatever profit is derived therefrom comes from the saving of waste, and that the manufacturers are trying to meet these problems and, in

some instances, are employing this same Mr. Little to help them solve them.

Mr. Little's latest attack upon the industry is in keeping with his appearance before the Federal Trade Commission, on behalf of the newspaper publishers, in connection with the fixing of a price for news print paper. The effect of Mr. Little's evidence there was to create the impression that the average paper manufacturer carries on his business in an ignorant and wasteful manner, with no regard for its scientific possibilities. It is needless to say that no practical manufacturer, carrying on a commercial business, agrees with him.

A. L. Dawe,

Secretary, Canadian Pulp & Paper Association.

**Waterproof Paper Men Organize**

The second meeting of the Waterproof Paper Manufacturers' Association was held at the offices of the American Paper and Pulp Association, 18 E. 41st street, on Thursday. This organization was formed under the auspices of the A. P. & P. A. on February 27, and the purpose of the meeting held last week was to elect officers and form tentative plans for the future. The following officers were elected for the coming year: E. H. Angier, president; C. F. Woods, vice president; George Chadwick, secretary-treasurer.

Organization work in the paper industry is booming just at present, and each day more and more men connected with the industry are realizing the importance of organization and its benefit to trade. According to L. B. Steward, secretary, the American Paper and Pulp Association, is rapidly growing, and shortly this organization is expected to be in a position to render more valuable service to its members than it has ever given before.

It is thought that by May 1 the Cost Accounting, section of the association, will be thoroughly organized, and at that time offices will be opened by this section in the A. P. & P. A. suite at 18 E. 41st street.

**Boxboard Men Meet in Washington**

[BY TELEGRAPH TO THE PAPER TRADE JOURNAL.]

WASHINGTON, D. C., March 25, 1919.—A special committee of the Eastern Paper Board Manufacturers Association, Boxboard Manufacturers Association and individual boxboard manufacturers from various parts of the country had a preliminary meeting here tonight before appearing before the industrial board of the Department of Commerce tomorrow. The boxboard industry is to confer with the industrial board on the question of the stabilization of conditions and adopting a uniform running schedule.

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**Felts-Jackets**

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**OUR TIGHT FITTING, DIAMOND "W" JACKETS WILL NOT LICK UP AT ANY SPEED**

**1869 {MADE ONLY AND} 1918**  
GUARANTEED BY

H. WATERBURY AND SONS COMPANY, ORISKANY, N. Y.

## CANADIAN PAPER TRADE IS BETTER THAN ANTICIPATED

There Has Been No Break in Prices, Which Was Freely Predicted Up to the Conclusion of Hostilities; Neither Has There Been That Serious Curtailment of Production Which Many People Feared—Operating Conditions at the Mills Are Good, There Being No Embargoes or Trouble with Power or Water and Labor Has Been Plentiful and Efficient—The Printing Industry.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, March 24, 1919.—The end of the first quarter of 1919 finds the paper trade of this country in a much more satisfactory position than had been anticipated by a good many students of the situation. There has not been the break in prices for one thing, which was very freely predicted at the conclusion of hostilities in Europe; neither has there been that serious curtailment of production which many people feared. While buying has undoubtedly been considerably reduced in volume, there has been enough regular business done to keep mills running steadily and at a reasonably good rate of production. Each month that passes improves matters and lessens the probability of a set-back, so that by summer the whole industry should be well established on a firm basis.

Stocks in the hands of jobbers and printers were heavy last November. The whole tendency of the business was to pile up goods in anticipation of higher prices. Since the armistice was signed, an opposite tendency has been noted, buyers holding off for lower quotations. As a result stocks have been steadily coming down and it is safe to say that they are now at a pretty low level. In the meantime, the mills which were in some cases months behind on their orders last November, have caught up and have been able to do some stocking up. This puts them in a favorable position to deal with the increased orders which should presently result from the reduced stocks in the hands of jobbers and printers.

### Operating Conditions Good

Operating conditions at the mills are very good. There have been no embargoes this winter to worry managements and there has been no trouble with power or water. Labor has been more plentiful and efficient. Manufacturers, while admitting that plants are not producing at the forced rate of last year, declare that they are better satisfied to go along easily as at present, keeping abreast of orders and piling up reserve stock. It is much easier on the plant and organization and enables better work to be done. Under the pressure of last year it was impossible to give that attention to machines which they required and equipment was rapidly deteriorating. Conditions in this respect are now much more satisfactory.

### No. 1 Tissues Reduced

There has been a cut in the price of No. 1 white tissue. Size 24 x 36 has been reduced from \$2.20 to \$1.90 and size 20 x 30 from \$1.55 to \$1.35. Tissue mills do not appear to be short of orders and are running steadily, but evidently it has been found possible to make this reduction. There has also been a reduction from the list price of No. 3 quality toilet papers of 8 per cent. There are no other price changes to be noted this week.

### Wood Supply May Be Short

Some apprehension is being felt this season over the wood supply on account of those climatic conditions which determine the character of the water-flow. The winter has been so mild and the snowfall so light that there is a fear that the high water

usual in the rivers and streams in the spring will not last long enough to get out the cut. It is a little early to ascertain just how this will be, but that is one cause of uneasiness. So far as the cut itself is concerned, it is likely to be on the short side because of lack of labor. Despite high wages, running in some cases up to \$100 a month, it has been difficult to get men. A great many expect woodsmen went overseas with the forestry battalions and were not back in time to be much of a factor; those left were less efficient, while it has been increasingly difficult to attract good men to the rough and lonely life of the camps in any case. From the standpoint of pulpwood supply and the cost of getting out the wood, there is no reason for expecting any drop in the price of this basic commodity.

### Conditions in Printing Industry

There is increasing activity in the printing industry, though orders are still rather spasmodic in character. Advertising may be said to be booming, not only in the newspapers and magazines, but through the more individual channels of catalogues and booklets. In some respects there has never been such a period in the history of advertising in Canada. The increase is not attributed to any slackness in business, for generally speaking business is good, but it seems to result naturally from causes associated with readjustment. During the war most manufacturers were more or less dependent on government orders and their business came to them largely without effort. Today they have to fall back on their own resources to get business and, as one step in this direction, they are consuming more printer's ink. This all means increased consumption of paper and more orders for the manufacturers and dealers in paper.

### Very Little Physical Expansion

That there is not likely to be much physical expansion in the industry in the near future seems evident. One mill which contemplated the installation of a new paper machine in the early days of the war and delayed action now finds that the same machine will cost approximately 100 per cent more than it did at that time, while additional beaters will cost over double. These quotations not unnaturally deter managements from taking action and postpone the day of enlargement indefinitely. Another mill which proposed to substitute a larger machine for one at present in use met with the same greatly increased figures when an estimate was sought, and will not proceed with its plans for at least a year.

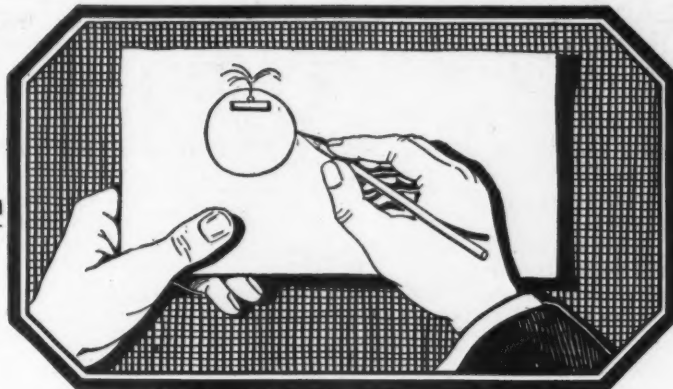
All along the line similar experiences are being met with, so that there is small prospect of programs of development being carried out this year.

### Tariff and the Paper Trade

Politically the Dominion is much agitated at present over a tariff controversy which is being waged between eastern manufacturers, who want to keep the tariff as it is, and western grain growers who are urging tariff revision with wholesale reductions in the rates of duty. There will be no decision until the Minister of Finance, Sir Thomas White, makes his budget speech. In the meantime the uncertainty is having an unsettling effect on business. So far as the paper manufacturers are concerned, they claim that the tariff is necessary to protect them against the competition of United States manufacturers and should any proposal be made that the duty on paper should be lowered, they would want to have an opportunity to lay their case before the government.

It is pretty generally understood that the 7½ per cent sur-tax imposed on all imports to raise war revenue will be removed as a concession to the grain growers. This will not work any hardship on the paper manufacturers, and its removal in fact will be welcomed by some who find the additional levy on their imports of raw materials burdensome.



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## “Here’s the kind of a Screen I Want”——

So said the paper chemist as he roughly sketched a Bird Inward Flow Rotary Screen. “Then we will be able to get uniformly *clean paper* all the time. We never need stop production for washing; will never have breaks in paper making, because the continuous shower in this revolving cylinder of the

## BIRD INWARD FLOW ROTARY SCREEN

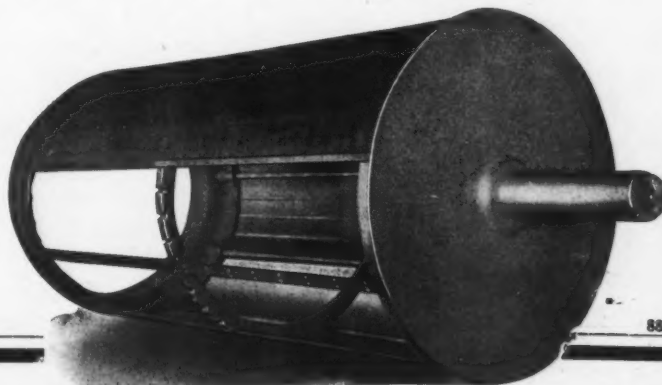
is unquestionably sound in principle. Its screen slots are always clean, free from slime, lumps and slugs. The Bird Screen is deeply immersed, giving a large screen area in operation which requires a minimum of assisting force.”

This strong, durable, simple screen is the most successful one on the market today. Made in sizes for 20 to 40 tons capacity—sufficient for most any paper machine.

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# A NEW METHOD OF ELECTIVE STAINING OF LIGNEOUS PLANT TISSUES\*

By P. BUGNON.

Among the numerous stains for ligneous plant tissues there are some which have an exclusive affinity for special fibers imparting to them a coloration which is immediately fixed; for example phloroglucinol-hydrochloric acid, aniline sulphate, or the reaction of Mäule. But these immediately elective colors have the primary defect of being fugitive. Dyestuffs not directly elective, to which we must resort if we would obtain stable colors, exhibit a greater or less degree of affinity for the various cell membranes upon which we must resort if we would obtain stable colors, exhibit a greater or less degree, of affinity for the various membranes upon energy. Thus it happens that an aqueous solution of fuchsin, which dyes simultaneously both ligneous and cork tissue, gives an elective coloration on wood after differentiation with an alcoholic solution of picric acid; while ammonia-gentian violet, which is also a common dyestuff of wood and cork, furnishes an elective stain for cork after differentiation with dilute hydrochloric acid.

## Essential Qualities

The simplicity of differential staining, the ease with which different cell membranes are associated in dyeing processes, by which is produced the effects of contrast so much sought by histologists—are qualities essential for every good specimen of the indirect elective colors. These are precisely the qualities which give a particular interest to the new method of elective staining of ligneous plant tissues described in this note.

Methyl green has hitherto been known chiefly by histologists, and appreciated for its property of staining the cell plasma; in the classical method of Benda it is associated for this purpose with a nuclear stain, safranin. Langeron mentions its possible use in plant histology; as an elective stain of cellulose it remains firmly fixed in the cell membrane when the action of an alcoholic solution is immediately followed by dehydration. By varying the conditions of applying methyl green to the coloration of plant tissues, I was led to the discovery, apparently unrecognized up to this time, that it has an elective affinity for ligneous fibers when its action is followed by simple washing in water.

## After the Preliminary Treatment

The sections, as customary, after a preliminary treatment with sodium hypochlorite to destroy the cellular content, were thoroughly washed. As regards the intensity of coloration, the best results were obtained with alcoholic or aqueous solutions; the acidity of the dye bath (water acidified with 5 per cent. hydrochloric or acetic acid) showed itself to be a favorable circumstance in this respect. Coloration is fairly rapid, attaining a sufficient intensity in twelve minutes; moreover, action of longer duration never causes overstaining. Differentiation with water, which permits of the coloration of the ligneous tissue only, requires but a few minutes. The prolonged action of oxidizing agents (particularly sodium hypochlorite) on ligneous tissues, rendering impossible their coloration with phloroglucinol-hydrochloric acid aniline sulphate, rather promotes their staining with methyl green as it also does their staining with iodine green. The tint obtained is stable, and the sections can be mounted in the different media in common use.

## Double and Triple Stains

Subsequently I endeavored to utilize this remarkable property in obtaining new double and triple stains applicable to plant histology. Among the results to which I have come and of which the details will figure in a complete memoir, I believe that I should point out here particularly the double stain of ligneous, cork, and cuticularized tissues, obtained by using a saturated solu-

tion of methyl green and Sudan III in 70 per cent. alcohol. The sections should remain in the stain about twelve minutes, then be washed with water for several minutes. To the green coloration of the ligneous tissue is excellently contrasted the orange red color of the cork and cuticularized tissues. The solution of Sudan III and methyl green in 70 per cent. alcohol is almost instantaneous; thus the staining mixture may be quickly prepared and it keeps well. The rapidity of application, the clearness and simplicity of the results of this new method of double staining, render it one of choice.

## Series of Triple Stains

To the coloration of cell membranes with methyl green I have contrasted the elective staining of cork and cuticularized tissues with ammonium gentian violet, and the staining of pectocelluloses with carmine alum, hemalum, bicarbonate of lead, ammonium Congo red, benzourine, etc. Finally, by choosing among these last colors those whose tint contrasted strongly with that of Sudan III, or gentian violet, I was able to obtain a whole series of triple stains.

To sum up: Methyl green by the elective and stable coloration which it gives, simplicity of preparation of its solutions, rapidity of application, facility with which it can be associated with numerous stains of the different plant tissues, seems to deserve one of the highest places among elective stains of ligneous tissues. For this purpose it is destined to have a current use in plant histology.

Translator's note on methyl green: The author describes it as Lichtgrün F. S., the sodium salt of diethyldibenzylamidotriphenylcarbinol-trisulphonic acid. He cites Bolles Lee, who, however, states that it is the chlormethylate of zinc and pentamethylrosaniline-violet. According to Michaelis (Einführung in die Farbstoffchemie, p. 58) methyl green in the chlormethylate of methyl violet. There seems to be some ambiguity in the author's term, *vert lumiere*, which is variously defined by scientific writers.

## American Strawboard Property Sold

(FROM OUR REGULAR CORRESPONDENT.)

DAYTON, Ohio, March 24, 1919.—The American Strawboard Company's property in North Dayton, once a splendid going concern and a money maker, but in recent years in disuse following a fire and adverse market conditions, was sold this week to Mrs. Anne B. Gorman, for a reported consideration of \$25,000, and will be used for welfare purposes.

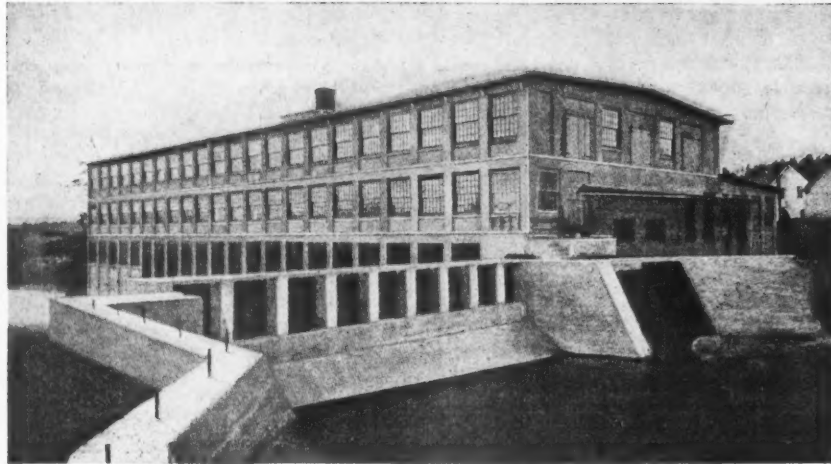
Mrs. Gorman, who is a daughter of the late Eugene Barney, whose estate is interested in the paper trade, will use the land and buildings in furtherance of a plan to enlarge the scope and activities of the Barney Community House in North Dayton. The Community House is located on the corner of the tract of land owned by the strawboard company. It is desired that more space be utilized for the Boy Scouts, general rehabilitation work, encouragement of the youth in manual training exercises and general welfare work.

Though all of the details have not been worked out, it is understood that the plans are elaborate. Should the manual training scheme be followed, it is possible paper making may be given attention.

## Now Eastern Forest Products Association

The name of the Eastern Lumbermen's Association has been changed to the Eastern Forest Products Association in order to include the pulp industry. E. M. Hamlin of Milo, Me., who has been elected president.

\*Comptes rendus de l'Académie des Sciences, Janvier 6, 1919.



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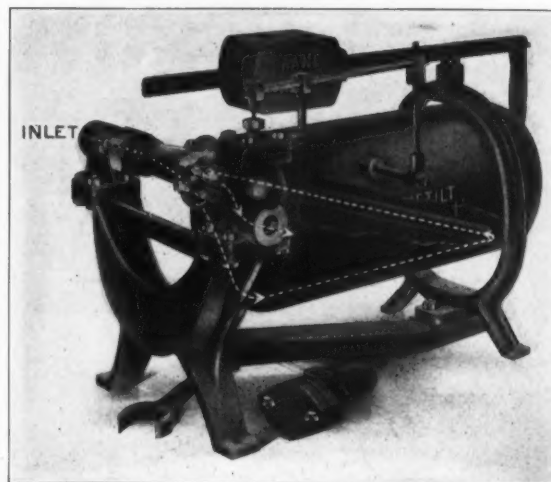
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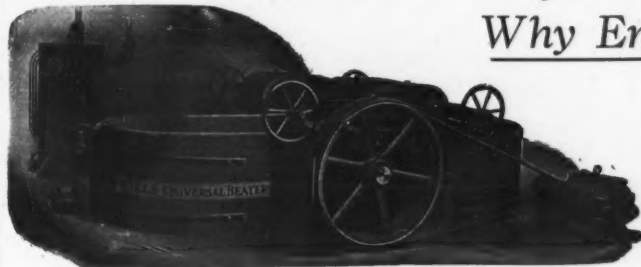
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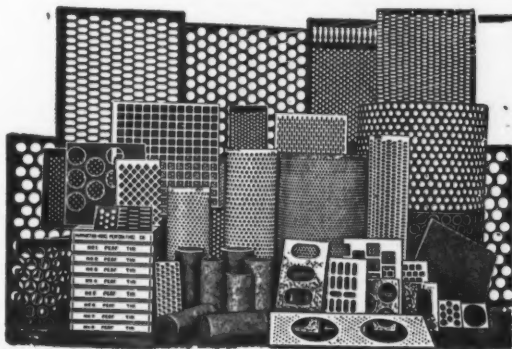
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**THE HARRINGTON & KING PERFORATING CO.**

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114 LIBERTY ST., NEW YORK, N. Y.

# Starch

Paper manufacturers generally recognize the value of **starch** in the manufacture and coating of paper.

To obtain definite results in any desired direction in the preparation of paper, not merely a difference of grade, but a difference of kind or variety of **starch** is required.

Our carefully controlled and thoroughly standardized processes enable us which the paper industry has found to produce exactly the various **starches** economical and efficient.

Corn Products Refining Company  
17 Battery Place New York

# Starch

## "DRYDEN" KRAFT PULP

Extra Strong, Long Pure  
Sulphate Fibre

Daily Capacity 120,000 Pounds

## KRAFT WRAPPING SHEATHING PAPERS

Daily Capacity 45,000 Pounds.

The Dryden Pulp & Paper Co., Ltd.  
Dryden, Ontario, Canada

## COLLINS MANUFACTURING COMPANY

SAMUEL R. WHITING, Pres. and Treas.

Manufacturers of  
LOFT DRIED PAPERS  
LEDGERS  
BONDS  
WRITING PAPERS

Mill: North Wilbraham, Mass.

Main office:  
208 Race Street,  
Holyoke, Mass.

## ALUM

SULPHATE OF ALUMINA, FOR  
PAPER MAKERS' USE

Both Commercial and  
Pure (Free from Iron)

Calcined Sulphate of Soda (Salt  
Cake) for Kraft Pulp

CASEIN SATIN WHITE  
ENGLISH CHINA CLAY  
Etc., Etc.

THE KALBFLEISCH CORPORATION  
MANUFACTURERS

31 Union Square West, New York, N. Y.

Erie, Pa. Brooklyn, N. Y. Paterson, N. J.  
Chattanooga, Tenn. Newark, N. J. Elizabethport, N. J.  
Providence, R. I. Waterbury, Conn. Danbury, Conn.

Canadian Representative: A. M. Heustis, 15 Mail Bldg.,  
Toronto, Canada

# T. F. HART PAPER COMPANY, Inc.

Muncie, Indiana

MANUFACTURERS OF

## ALBANY REFINED STRAWBOARD

for

TUBES AND CAPS

SINGLE and DOUBLE LINED

PLAIN and COLORED

VAT LINED, MILL AND SHEET LINED

SPECIALTIES, ETC.

Domestic and Export

Mill: Albany, Indiana

*We are the largest Dealers*

in

### BLEACHED, EASY BLEACHING

and

### UNBLEACHED SULPHITES

also

### Spruce and Poplar Groundwood

*Samples and quotations upon request.*

## CRAIG, BECKER CO., Inc.

P. O. Box 30  
Grand Central Station

52 Vanderbilt Ave.  
New York City



### Acid Proof Wood Pipe

Paper mills throughout the country have found that the merciless test of time and use have proven the superiority of WYCKOFF ACID PROOF WOOD PIPE.

With its enduring asphalt insulation, its steel bands that bind the wood into one impervious whole—small wonder that WYCKOFF Pipe has become a "buy-word" in the paper and pulp field.

Ask us for details and references from those who are profiting by the use of WYCKOFF.

**A. WYCKOFF & SON CO.**  
Elmira, N. Y., U. S. A.

## Read this Guarantee

We guarantee that PLIBRICO will make a solid one-piece (Jointless) furnace lining—that it will not crack, split, bulge or shell off—that it will make your furnace gas- and air-tight. That if installed according to our instructions and specifications, it will last longer and give more satisfactory service than any other fire brick lining.

**JOINTLESS FIRE BRICK COMPANY**

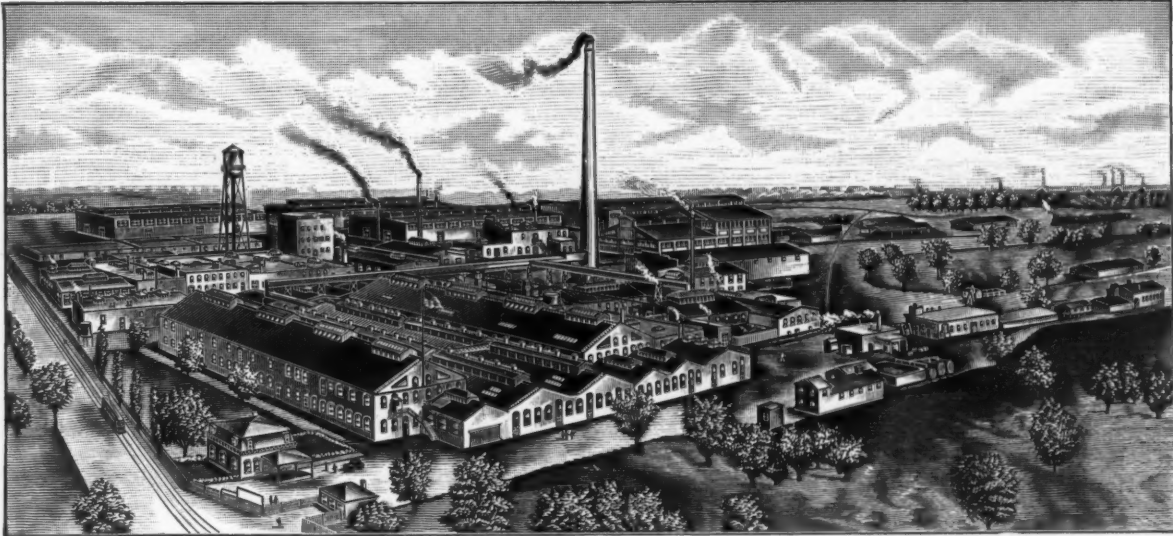
1879 Kingsbury Street  
Chicago, Ill.

Canadian Agents,  
Beveridge Paper Co., Ltd., Montreal, Can.



P.L. Ad Service

We Supply a Complete Line of  
**Colors for Papermakers**  
 OUR LABORATORIES ARE AT YOUR SERVICE



WORKS IN NEWARK, N. J.

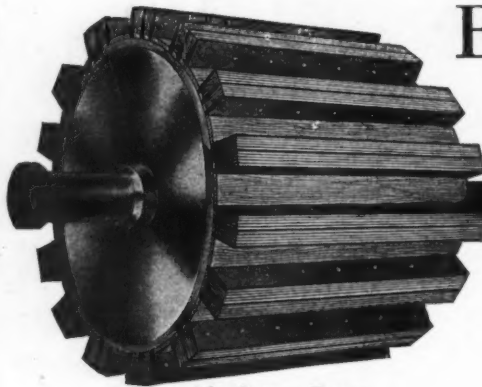
**THE HELLER & MERZ CO.**

BOSTON

CHICAGO

NEW YORK

PHILADELPHIA



Covered by Letters Patent

Ask us to refer you to an installation right near you.

Better stock and a saving of 2 to 5½ hours beating time

The DOWD Cluster Filling can be installed in your present roll without removing roll from machine.

And—with the installation better stock is produced in 2 to 3½ hours than is produced in 4 to 9 hours with the common roll. A saving in beating time of 2 to 5½ hours.

We have sold this new DOWD Cluster Filling to many of the biggest paper mills of the country.



**R. J. Dowd Knife Works**  
*Makers of better cutting knives since 1847*  
**Beloit, Wis.**



# High Grade American Paper Clay

Uniformity and High Retention  
Low in moisture, Mica and Grit

Miner Edgar Company : 30 Church Street : New York City  
Exclusive Sales Agency of Edgar Bros. Co. MINES



## Eagle Knife and Bar Works

JOHN W. BOLTON & SONS, Inc.

HIGH GRADE

Knives, Bars, Plates and Jordan Fillings  
OF EVERY DESCRIPTION

High Grade Steel Products  
for Use in Paper Mills

LAWRENCE, MASS.

## THE C. L. LABOITEAUX COMPANY

We call the attention of the Jobbing Trade to our unequaled facilities for prompt shipment of

Mill Blanks, Bogus Bristols, Marble Grained Jute Boards, Clay Coated Box  
Boards, Binders' Board, Paper Box Board, Pasted  
Boards, and Paper Board Specialties

CINCINNATI

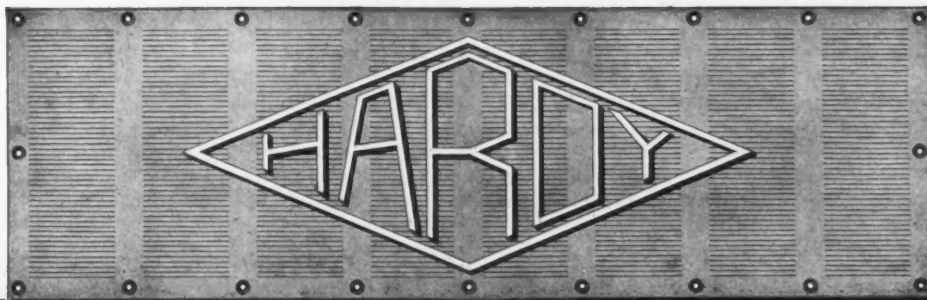
CHICAGO

NEW YORK

CLEVELAND

Write for our new Blue Book, just issued, containing valuable information in regard to Box Boards, Paper and Specialties.

WILLIAM A. HARDY & SONS COMPANY, Fitchburg, Mass., U. S. A.



## THE WHITAKER PAPER CO. BUYS INDIANA PAPER CO.

**Pioneer Indianapolis Concern Becomes Eighth Division of Well-Known Cincinnati Paper Firms—Ostermeyer Brothers and Their Entire Organization Remain With the Business—Ben C. Morris, to Become Manager—Acquisition of the Indiana Paper Co. Is Third Important Purchaser of the Kind Made by the Whitaker Paper Co. in the Past Year—Campaign of Publicity for Basic Bond.**

The following has been sent out by the Whitaker Paper Co.: "Announcement has just been made by the Whitaker Paper Company of Cincinnati and substantiated by Fred J. Ostermeyer, president of the Indiana Paper Company, of Indianapolis, that the latter business has been sold as a going concern to the former and that it will hereafter be operated as the Indiana Paper Company, division of the Whitaker Paper Company.

"The consideration has not been made public, but it is conservatively estimated to run well into six figures.

### **Eighth Division of Whitaker Paper Co.**

"This makes the eighth full-fledged division of the Whitaker Paper Company, at which the standardized lines of fine and coarse papers controlled by the big Cincinnati house will be carried in stock.

"Other divisions are: At Boston, old Bay State Card & Paper Company; at Baltimore, formerly Smith-Dixon Company; at Detroit, formerly Burr Paper Company; at Denver, formerly the Peters Paper Company; at Atlanta, Birmingham and Richmond, Va.

### **Larger Sales Offices in Other Cities**

"The company also has sales offices in New York, Chicago, Washington and practically all the larger paper markets east of the Mississippi, and it is said to be doing a very heavy volume of business in foreign markets.

"The acquisition of the Indiana Paper Company is the third important purchase of the kind made by this house within the past year. Last spring the Whitaker Paper Company bought the Momberg-Albrecht Paper Company of Cincinnati and both George Momberg and his brother Walter, two of the best-known figures in the paper trade of the Middle West, became active members of the sales organization for the big house. On February 1, of this year, the Peters Paper Company, of Denver, became the Whitaker property. The entire organization that had been associated with the late E. A. Peters coming over to the purchasing house.

"It is significant of the liberal Whitaker policy to note that the Ostermeyer Brothers and their entire organization at Indianapolis are continuing with the business under the new ownership. It is also understood that the Ostermeyers are to take an active financial interest in the larger company with which they are now identified.

### **National Advertising**

"The Whitaker Paper Company is one of the wholesale paper concerns of this country that has standardized its major lines, both of fine and coarse papers, and that has consistently carried on a very broad-minded campaign of national advertising, particularly in the trade papers.

"The readers of this publication, for example, are all familiar with the well-known smiling faces of the two Whitaker 'characters' representing 'Sterling Quality' and 'Speedy Service.' These figures appear in connection with most of the advertisements of this house, whether they be advertisements of White

Mountain Enamel, Saxon M. F. or Spartan Super, Worthmore Bond or what not.

### **Publicity for Basic Bond**

"These characters are now about to figure in a very active campaign of publicity for Whitaker's own watermarked Sulphite Bond Paper.

"It will be remembered that the Whitaker Paper Company has for a number of years been distributors of the Hammermill advertised lines at several of its divisions. This agency connection has recently been terminated by mutual consent.

### **Mr. Venable Denies Rumors**

"Bryant Venable, secretary of the Whitaker Paper Company, and assistant to the president, A. L. Whitaker, is responsible for denying a rumor to the effect that the agency connections with Hammermill were broken because of the insistence of the Whitaker Paper Company to have the Hammermill agency 100 per cent in all their divisions. Mr. Venable made the following statement.

"There is absolutely no truth in the statement which unfortunately seems to have been given some publicity, to the effect that our company made a formal demand on the Hammermill Paper Company that we be given the exclusive sale of all their advertised lines in all cities where we have branches and in such other places as we may in the future carry stock.

"Such a statement is an injustice to the Hammermill Paper Company as well as to ourselves.

"For many years our company has been a large distributor of the Hammermill advertised lines. For more than a year past we have been in very intimate cooperation with the officers of the Hammermill Paper Company in the hope of harmonizing our national policies with their national policies in a manner that would enable us to carry our own lines 100 per cent in all our branches, without doing violence to the interests of the Hammermill

*(Continued on page 52)*

# Toilet and Toweling Jumbo Rolls

Anything in Creped Tissues

NAPKINS

TABLE CLOTHS

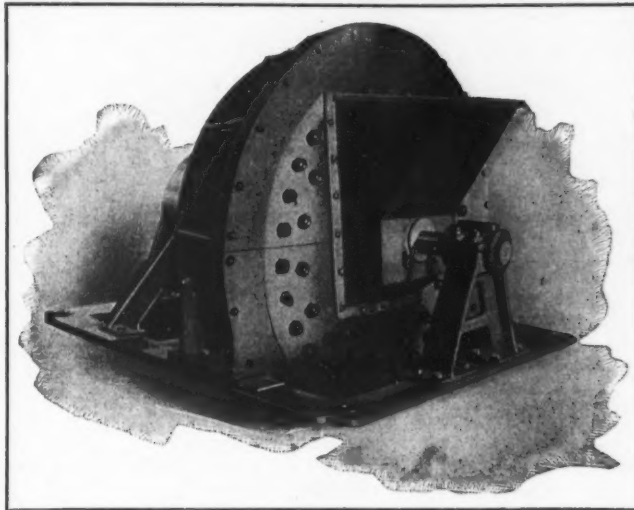
TRAY COVERS

## Daniels Manufacturing Company

Rhineland, Wisconsin

**We Protect the Jobber**

# THE CARTHAGE CHIP CRUSHER



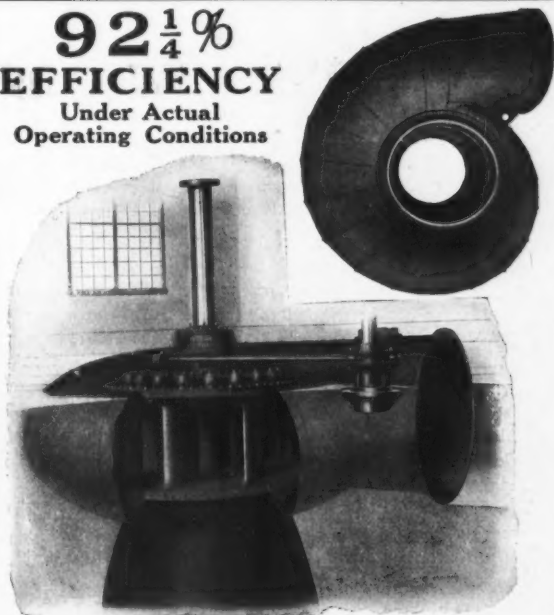
**NOT**  
**A PULVERIZER**

*Critical mill men know  
the difference*

**The Chipper  
People**

**Carthage Machine Co., Carthage, N. Y.**

**92  $\frac{1}{4}$  %**  
**EFFICIENCY**  
Under Actual  
Operating Conditions

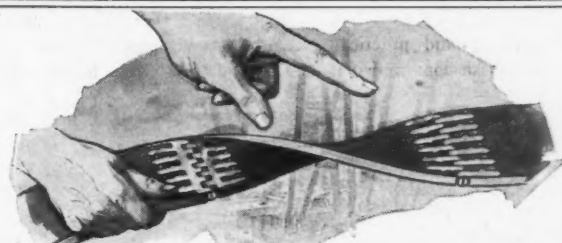


Single Vertical Shaft "SMITH" Hydraulic Turbine installed in Niagara Mill of Kimberly & Clark Co. established the above performance record, developing 3,000 H. P. at 240 R. P. M. under 60 feet head.

If interested, write Dept. "X" for Bulletin.

**S. MORGAN SMITH CO., York, Pa.**

176 Federal St. BOSTON      76 W. Monroe St. CHICAGO      405 Power Bldg. MONTREAL      461 Market St. SAN FRANCISCO



**A Belt is No Stronger than its Lacing**

No part of your machine equipment requires more careful consideration than your belt lacing. Even the best belts will fail to give good results if their joints are not clean cut and smooth.

**ALLIGATOR Steel Belt Lacing**

makes a joint practically as strong as the belt itself. Only a hammer is needed to apply it and a single workman can make a perfect union on the average belt in three minutes.

The teeth clinch smoothly on both sides of the belt. There are no punch holes to tear out. Alligator steel lacing is a proved satisfaction on all types and sizes of leather, rubber, balata, cotton or canvas-stitched belting.

**A Strength of 5,850 Pounds**

In official tests at Armour Institute of Technology, an Alligator steel belt lacing used in connection with 6 inch, 6 ply canvas belt proved a strength of 5,850 pounds. The working strain of this belt might average 600 pounds. Think of the margin of safety!

Write for complete descriptive literature.



**Flexible Steel Lacing Co.,**

Also Manufacturers of Flexco-Lok and Split Handle Portable Lamp Guards  
**Dept. A. L. 35, 522 S. Clinton St., Chicago, Ill.**

## New York Market Review

OFFICE OF THE PAPER TRADE JOURNAL,  
WEDNESDAY, March 26, 1919.

Primary conditions in the paper market have not changed this week, but there is, nevertheless, a feeling among paper dealers, that the market will soon show great signs of improvement. Present conditions are without precedent, so it is difficult to judge just what will happen. The belief that consumers and jobbers are at the end of their stocks, becomes more justified as time goes on, and it is now generally believed that after the first of next month business will again be as brisk as usual. Prices have for the most part been well maintained this week, and there have been no great changes in quotations. Dealers hope to convince consumers by this means of maintaining prices that quotations are now at their lowest levels and that any further changes will be upward. The sooner consumers realize that manufacturing costs do not justify even the present low prices, and that quotations cannot go lower, the better it will be for the trade.

The market for news print remains active. Large manufacturers are having no difficulty in disposing of the greater part of their stocks, as newspapers in many cases are finding it necessary to purchase more paper than their contracts call for. With the harbor strike at Buenos Aires now settled, exports of this grade of paper will probably be resumed to that country, and this will doubtless have an effect on the market. It was stated, however, that foreign buyers are loath to pay the prices which American manufacturers are asking, and there is some difficulty in closing contracts. News print prices have not changed this week and quotations remain at their former levels.

The book-paper market has remained firm. Prices have been steady since their decline of last week, but business has not been of any greater volume. Magazines are enjoying an unusual period of prosperity, and they are printing a greater volume of advertising than they have ever printed before, but for the most part these magazines are using only their usual amount of paper, and but few have found it necessary to buy more than their contracts call for.

It is the general belief of jobbers and mill men that the coarse paper market will soon become active again. It is thought that consumers will soon be buying coarse paper again in greater quantities. Prices are probably at their lowest levels right now, and any future changes in quotations, it is thought, will be upward.

There has been no change in the condition of the fine paper market this week. The demand for all fine papers has not improved to any great extent, but quotations for all grades have been maintained.

The tissue paper market is still fairly active. Dealers report that there is a moderate volume of stock moving into consuming channels, and prices have all been well maintained.

The board market is gradually becoming active again, and box manufacturers are again calling on mills for stock. These orders do not call for any great amounts of stock, but dealers are greatly encouraged, as they believe that in the near future larger orders will be received. Quotations have been steady this week and there have been no changes in prices.

### Ground Wood

The ground wood market continues almost lifeless, and consumers are still showing but little interest in the market. Mills for the most part seem fairly well supplied with all the ground wood that their immediate needs call for and there are not many orders being placed outside of contracts. In fact, it is reported that some mills have more ground wood on hand than they actually require, and they are trying to dispose of this in the market. The grinding mills have great quantities of stock on hand, as the winter did not curtail production to any great extent, and grinding operations were carried on all through the months

that usually find feeding streams frozen. Prices have not changed this week, however, and quotations remain at \$28 in the East and \$30 in the West.

### Chemical Pulp

With consumers of chemical pulp, apparently in possession of all the stock they require, there has been no improvement in the demand for chemical fibers this week. There has been no factor of any strength introduced into the market since last week, and all grades of pulp are inactive. Prices have shown the weak condition of the market and quotations on most of these chemical fibers are lower than they have been in some time. An improvement in conditions is looked for in the near future, however, as it is thought that very soon the demand for paper will improve, and at that time paper mills will resume operating full time, and consequently use more pulp. Quotations are lower this week on nearly all grades of sulphite, both foreign and domestic, but quotations on other grades have been well maintained.

### Rags

Rag prices have continued to decline this week, and the market for the most part remains weak. The only strong factor in the market at present is a scarcity of some grades of new rags. This fact has in no way affected the market for old rags, however, and prices for these grades have continued on the decline. However, prices are not expected to go a great deal lower than they are now, as packing and grading costs are high. Mills are expected to come into the market for rags as soon as they resume operating all of their machines, but just how long it will be until this takes place dealers are unwilling to predict. At that time, however, there will be a decided change in prices, and quotations will go upward. The biggest price drop this week was made by black stockings, which are now being quoted at 2.80@2.90.

### Bagging

The bagging market showed a slight improvement this week. The convention of waste material dealers which was held in this city last week brought an unusually large number of buyers of bagging to this city, and a large number of these placed orders with local dealers before returning home. One dealer reported that he did more business the day following the convention than he had previously done in a week, and the convention did a lot to give dealers confidence and encourage business. Prices have not shown any material difference this week, but heretofore they have been on the decline, and the fact that they have been well maintained this week, has greatly encouraged the dealers.

### Paper Stock

The activity in the board market has continued to have a good effect on the old waste-paper market, and the demand for news and mixed paper has been good this week. Quotations on folded news and No. 1 mixed paper are higher this week than they were last, and it is thought that before the week is over still higher prices will be asked for these grades. Other items on the paper stock list have not been as active as these particular grades, but the whole market is nevertheless more active than it was a week ago. Dealers firmly believe that the bottom of the market has been reached, and that prices will continue to advance for most grades rather than decline. Hard white shavings No. 1 was the only grade to show a decline this week, and prices for all other grades were either maintained or advanced.

### Twine

There have been no new developments in the twine situation this week. Prices have not advanced and it would seem that twine mills are continuing to make sales at figures which must require them to stand a loss. Production costs remain high, and they probably will remain high until next fall, when the next jute crop arrives from India. Any increase in demand will probably send prices back to the levels from which they dropped several weeks ago, but it is the general opinion in the trade that no matter what happens prices will not go any lower.

# Market Quotations

## Paper Company Securities

New York Stock Exchange closing quotations March 24, 1919.

Stocks.	Bid.	Asked.
American Writing Paper Company, pref.	37½	38
International Paper Company, com.	44¾	45¼
International Paper Company, pref.	90	100
International Paper Company, pref., stamped.	72¾	72½
Union Bag and Paper Corporation.	79	86
United Paper Board.	13	..

Bonds.	Bid.	Asked.
American Writing Paper Company, 1st 5s, 1919.	98	100
American Writing Paper Co., 1st 5s, 1919, Tr. Co. Recs.	89¾	90
International Paper Company, Convertible S. F. 5s, 1935	97¾	..
International Paper Co., 1st and Refunding Conv. 5s, 1947	87	91¾
Union Bag and Paper Corporation, 1st 5s, 1930.	88	89¾

Paper	Price
Bonds	12 @ 41
Ledgers	14 @ 36
Writing—	
Extra Superfine	20 @ —
Superfine	19 @ —
Tub Sized	14 @ —
Engine Sized	12 @ —
News—f. o. b. Mill—	
Rolls, contract	3.75 @ 4.00
Rolls, transient	3.80 @ 4.25
Sheets	4.50 @ 5.00
Side runs	3.50 @ 3.75
Book—f. o. b. N. Y.—	
M. & S. C.	8.00 @ 8.50
M. F.	7.50 @ 8.00
Coated and Enamel	9.50 @ 10.00
Lithograph	10.00 @ 11.00
Tissues—f. o. b. N. Y.—	
White, No. 1	1.20 @ 1.35
White, No. 2	1.00 @ 1.10
Manila, No. 1	1.20 @ 1.30
Kraft	1.35 @ 1.60
Colored	1.30 @ 3.50
Anti-Farnish	1.25 @ 1.50
Kraft—f. o. b. N. Y.—	
No. 1 Domestic	7.50 @ 8.00
No. 2 Domestic	6.50 @ 7.00
Imported	.. @ ..
Screenings	3.75 @ 4.25
Manila—	
No. 1 Jute	12 @ 12½
No. 2 Jute	11 @ 12
No. 1 Wood	7.00 @ 7.50
No. 2 Wood	6.50 @ 7.00
Butchers'	5.00 @ ..
Fibre Papers—	
No. 1 Fibre	6.75 @ 7.00
No. 2 Fibre	5.25 @ ..
Card Middles	4.00 @ ..
Common Bogus	3.00 @ ..
Boards, per ton, f. o. b. N. Y.—	
News	45.00 @ 50.00
Straw	45.00 @ 50.00
Chip	37.50 @ 40.00
Binders Board	62.50 @ 65.00
Manila Lined Cp.	65.00 @ 70.00
Wood Pulp	75.00 @ 80.00

## Mechanical Pulp

(F. O. B. Pulp Mills.)  
No. 1 f. o. b. Mill. 28.00 @ 30.00

## Chemical Pulp

(Ex-Dock, New York.)

Sulphite (Foreign)—	
Bleached	8¼ @ 9¼
Easy Bleaching	3.75 @ 6.25
No. 1 Unbleached	5.50 @ 5.75
No. 2 Unbleached	5.00 @ 5.25
Kraft (Foreign)	5.00 @ 5.50
(Domestic, F. O. B. Mills.)	
Sulphate—	
Bleached	6.50 @ 7.00
Sulphite (Domestic)—	
Bleached	5.75 @ 6.00
Extra Strong Unbleached	4.75 @ 5.25
Easy Bleaching Sulphite	4.50 @ 5.00
News Sulphite	3.00 @ 3.50
Mitscherlich	5.50 @ 6.00
Kraft (Domestic)	
F. O. B. Mill	4.50 @ 5.00
Soda Bleached, delivered	4.25 @ 4.50

—Dash means nominal.

## Domestic Rags

Prices to Mill f. o. b. N. Y.

Shirt Cuttings—	
New White, No. 1	10 @ 11
New White, No. 2	7¾ @ 8¼
Silesias, No. 1	7¼ @ 8
New Unbleached	9¼ @ 10
Washables	5¾ @ 7
Fancy	8 @ 8¼
Cottons—according to grades—	
Blue Overall	8 @ 8¼
New Blue	7 @ 7¼
New Black Soft	4¾ @ 4¾
New Light Sec'ds	4¾ @ 4¾
Khaki Cuttings	4¾ @ 4¾
Corduroy	4¾ @ 5
New Canvas	9¼ @ 10
New Black Mixed	3¾ @ 3¾
Whites, No. 1—	
Repacked	5¾ @ 6
Miscellaneous	4¾ @ 5
Whites, No. 2—	
Repacked	4¾ @ 4¾
Miscellaneous	3¾ @ 4
St. Soiled Whites—	
Repacked	3¼ @ 3¼
Miscellaneous	2.50 @ 2.60
Black Stockings	2.80 @ 2.90
Cloth Strippings	2.00 @ 2.10
Roofing Stock—	
No. 1	1.40 @ 1.50
No. 2	1.30 @ 1.40
No. 3	1.25 @ 1.35
No. 4	1.25 @ 1.35
No. 5A	1.60 @ 1.70
B.	1.65 @ 1.75
C.	.50 @ .65

## Foreign Rags

New White Cuttings	nominal
Unbleached Cottons	nominal
Light Flannelettes	nominal
New Light Silesias	nominal
New Light Oxfords	nominal
New Light Prints	nominal
New Mixed Cuttings	nominal
New Dark Cuttings	nominal
No. 1 White Linens	nominal
No. 2 White Linens	nominal
No. 3 White Linens	nominal
No. 4 White Linens	nominal
Old Ex. Light Prints	nominal
Ord. Light Prints	nominal
Medium Light Prints	nominal
Dutch Blue Cottons	nominal
Ger. Blue Cottons	nominal
German Blue Linens	nominal
Checks and Blues	nominal
Di. Cottons	nominal
Shoppery	nominal

## Bagging

Prices to Mill f. o. b. N. Y.

Gunny No. 1—	
Domestic	2.75 @ 3.00
Foreign	2.75 @ 2.87½
Bright Bagging	2.75 @ 2.87½
No. 1 Scrap	2.40 @ 2.50
Sound Bagging	2.15 @ 2.25
Mixed Bagging	2.10 @ 2.15
Wool Tares, light	3.25 @ 3.50
Wool Tares, heavy	3.00 @ 3.25
Manila Ropes—	
Foreign	4.75 @ 5.00
Domestic	4.75 @ 5.00
New Bur. Cut.	4.25 @ 4.50
Hessian Jute Thr'ds	5.25 @ 5.50
Mixed Strings	1.75 @ 2.00

## Twines

India, No. 6 basis—	
Dark	22 @ 24
Light	35 @ 37
B. C., 18 basis—	
A. B., Italian, 18 basis	80 @ ..
Finished Jute—	
Dark, 18 basis	28 @ 30
Light, 18 basis	29 @ 31
Jute Wrapping, 2-4 ply—	
Extra No. 1	32 @ 34
No. 1	29 @ 31
No. 2	27 @ 29
Papers Makers' Twine	
Balls	18 @ 20
Box-Twine, 2-4 ply	21 @ 23
Jute Rope	25 @ 28
Amer. Hemp, 6	27 @ 29
Sisal Hay—	
No. 1 Basis	22 @ 24
No. 2 Basis	19½ @ 23
Sisal Lath Yarn—	
No. 1	21¼ @ 21¼
No. 2	19½ @ 20¼
Manila Rope	29 @ 32

## Old Waste Papers

(f. o. b. New York)

Shavings—	
Hard White, No. 1	4.80 @ 5.00
Hard White, No. 2	4.25 @ 4.50
Soft White, No. 1	3.75 @ 4.00
Colored, No. 1	1.25 @ 1.35
Flat Stock—	
Stitchless	1.75 @ 1.85
Over Issue Mag.	1.75 @ 1.85
Solid Flat Book	1.30 @ 1.35
Crumpled, No. 1	1.00 @ 1.05
Solid Book Ledger	2.90 @ 3.00
Ledger Stock	2.25 @ 2.35
No. 1 White News	1.00 @ 1.10
New B. B. Chips	.60 @ .70
Manilas—	
New Env. Cut.	2.40 @ 2.50
New Cut, No. 1	2.10 @ 2.20
Extra No. 1 Old	1.20 @ 1.25
No. 1 Old	.80 @ .90
No. 2 Old	.65 @ .70
Bogus Wrappers	.75 @ .80
Old Krafts	2.50 @ 2.75
News—	
Strictly Overissue	.80 @ .90
Strictly Folded	.60 @ .65
No. 1 Mixed Paper	.50 @ .55
Common Paper	.30 @ .35

## CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Paper	Price
Bonds	12 @ 41
Ledgers	13 @ 35
Writing—	
Superfine	15 @ 35½
Extra Fine	35¼ @ ..
Fine	15 @ 23
No. 2	23 @ ..
No. 3	15 @ ..
Book, M. F.	9 @ 11¼
Book, S. S. & C.	9¼ @ 11
Book, Coated	12¼ @ 13
Coated Lithograph	11 @ 16
Label	12¼ @ 14
News	5¼ @ ..
No. 1 Jute Manila	15 @ ..
Manila Sul., No. 1	7¼ @ ..
Manila No. 2	7 @ ..
Common Bogus	2¼ @ ..
Straw Board	40.00 @ ..
News Board	45.00 @ ..
Chip Board	40.00 @ ..
Wood Pulp Board	80.00 @ ..
(Carload Lots.)	
Binder Boards—	
Per ton	40.00 @ ..
Carload lots	45.00 @ ..
Tarred Felts—	
Regular	65 @ 72
Slaters'	67 @ 72
Best Tarred	75 @ 80
(per ton)	
Best Tarred, 2-ply	75 @ 80
(per roll)	
Best Tarred, 3-ply	1.10 @ 1.12½
Best Tarred, 3-ply	1.40 @ 1.49
Roofing Bags	
No. 1	2.00 @ 2.25
No. 2 Hard White	4.50 @ 5.00
No. 4	1.75 @ ..
Bagging	
Gunny No. 1—	
Foreign	nominal
Domestic	2.75 @ 3.00
Scrap Burlap	2.00 @ 2.25
Wool Tares, heavy	3.00 @ 3.25

Solid News	47.50 @ 50.00
Manila Lined Chips	55.00 @ 57.50
Container Liner	75.00 @ 85.00
Solid Wood Pulp	70.00 @ 75.00
Straw Board	37.50 @ 40.00
Filled Pulp Board	65.00 @ ..

## Old Papers

Shavings—	
No. 1 Hard White	4.75 @ 5.00
No. 1 Soft White	4.00 @ 4.50
No. 2 Soft White	1.75 @ 2.00
No. 1 Mixed	.90 @ ..
No. 2 Mixed	.75 @ ..
Ledgers & Writings	2.50 @ 2.75
Solid Books	1.75 @ ..
Blanks	1.60 @ 1.70
No. 2 Books, light	1.25 @ 1.30
Extra No. 1 Manila	2.25 @ ..
No. 1 Manilas	1.10 @ ..
Folded News (over-issue)	1.00 @ 1.10
Old Newspapers	.75 @ .80
Mixed Papers	.60 @ .65
Straw Chippings	.60 @ .65
Binders Chippings	.60 @ .65
Kraft	3.00 @ ..

## PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Bonds	12 @ 41
Ledgers	13 @ 35
Writing—	
Superfine	15 @ 35½
Extra Fine	35¼ @ ..
Fine	15 @ 23
No. 2	23 @ ..
No. 3	15 @ ..
Book, M. F.	9 @ 11¼
Book, S. S. & C.	9¼ @ 11
Book, Coated	12¼ @ 13
Coated Lithograph	11 @ 16
Label	12¼ @ 14
News	5¼ @ ..
No. 1 Jute Manila	15 @ ..
Manila Sul., No. 1	7¼ @ ..
Manila No. 2	7 @ ..
Common Bogus	2¼ @ ..
Straw Board	40.00 @ ..
News Board	45.00 @ ..
Chip Board	40.00 @ ..
Wood Pulp Board	80.00 @ ..
(Carload Lots.)	
Binder Boards—	
Per ton	40.00 @ ..
Carload lots	45.00 @ ..
Tarred Felts—	
Regular	65 @ 72
Slaters'	67 @ 72
Best Tarred	75 @ 80
(per ton)	
Best Tarred, 2-ply	75 @ 80
(per roll)	
Best Tarred, 3-ply	1.10 @ 1.12½
Best Tarred, 3-ply	1.40 @ 1.49
Roofing Bags	
No. 1	2.00 @ 2.25
No. 2 Hard White	4.50 @ 5.00
No. 4	1.75 @ ..
Bagging	
Gunny No. 1—	
Foreign	nominal
Domestic	2.75 @ 3.00
Scrap Burlap	2.00 @ 2.25
Wool Tares, heavy	3.00 @ 3.25

Mixed Strings	2.25 @ 2.50
Manila Shaving	2.50 @ 2.75
Manila Shaving	
No. 2	1.50 @ 1.60
Manila Sul., No. 1	Nominal
lap	6.50 @ 7.00
New Burlap Cuttings	4.25 @ 4.50

## Old Papers

Shavings—	
No. 1 Hard White	5.00 @ 5.25
No. 2 Hard White	4.50 @ 5.00
No. 1 Soft White	4.25 @ 4.50
No. 2 Soft White	1.25 @ 1.30
No. 1 Mixed	1.25 @ 1.30
No. 2 Mixed	1.00 @ 1.10
Solid Ledger Stock	2.50 @ 2.75
Writing Paper	2.25 @ 2.50
No. 1 Books, heavy	1.50 @ 1.75
No. 2 Books, light	1.00 @ 1.25
No. 1 New Manila	2.50 @ 2.75
No. 1 Old Manila	1.00 @ 1.10
Old Kraft	3.00 @ ..
Overissue News	1.10 @ 1.15
Old Newspaper	.60 @ .70
No. 1 Mixed Paper	.50 @ .60
Common Paper	.40 @ .50
Straw Board Chip	.50 @ .60
Binders Bd. Chip	.50 @ .60

## Rags

Old White—	
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# Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

## NEW YORK IMPORTS

FOR THE WEEK ENDING MARCH 25, 1919.

Cigarette paper .....	77 cs.
Miscellaneous paper .....	40 cs.
Printing paper .....	39 cs.
Tissue paper .....	9 cs.
Filter paper .....	26 cs.
Paper hangings .....	12 bls.

### CIGARETTE PAPER.

Irving National Bank, Europa, Genoa, 28 cs.  
Bankers Trust Co., G. Verdi, Genoa, 49 cs.

### TISSUE PAPER.

Rose & Frank, Baltic, Liverpool, 9 cs.

### PRINTING PAPER.

B. F. Drakenfeld & Co., Baltic, Liverpool, 28 cs.

Oxford University Press, Baltic, Liverpool, 11 cs.

### PAPER HANGINGS.

W. H. S. Lloyd & Co., Muskegon, London, 12 bls.

### FILTER PAPER.

Reene Angel & Co., Muskegon, London, 26 cs.

### PAPER.

Philadelphia National Bank, G. Verdi, Genoa, 7 cs.

Rose & Frank, La Perouse, Havre, 39 cs.

H. Bedford, La Perouse, Havre, 3 cs.

### OLD ROPE.

International Purchasing Co., Wells City, Bristol, 203 bls.

### WASTE PAPER.

M. O'Meara, Itraqueena, San Francisco, 48 bls.

### CHINA CLAY.

Hammill & Gillespie, Taubate, Fowey, 814 tons.

Geo. Knowles & Son, Taubate, Fowey, 280 tons.  
Baring Bros. & Co., Ltd., Taubate, Fowey, 1,755 tons.  
Perkins, Goodwin & Co., Taubate, Fowey, 106 tons.

### WOOD PULP.

American Woodpulp Corp., Hellig Olav, Copenhagen, 255 bls.

## BOSTON IMPORTS.

FOR THE WEEK ENDING MARCH 25, 1919.

### CHINA CLAY.

Paper Makers Chemical Co., Taubate, Fowey, 420 tons.  
J. Richardson, Taubate, Fowey, 419 tons.  
Morey & Co., Taubate, Fowey, 330 tons.

## PAPER PRODUCTION FOR FEBRUARY

(Continued from page 16)

produced in the establishment using or shipping same. Loss of production is shown by giving the idle machine time reported by each company for each kind of pulp.

### Pulp Production

The following is a tabulation of production, pulp used within the establishment where produced, shipments and stocks of finished pulp, in tons of 2,000 pounds on an air dry basis, for February, 1919, for 294 operating mills:

Kind of Pulp	Finished Pulp		Tons Used during month	Air Dry Basis	
	No. of Mills	On hand 1st of month		Shipped during month	On hand end of month
Ground wood pulp.....	157	131,885	101,009	98,712	129,144
Sulphite, News grade....	63	20,551	53,576	43,417	23,568
Sulphite, Bleached.....	33	7,393	35,627	18,181	13,260
Sulphite, Easy Bleaching....	8	2,241	5,140	3,129	11,579
Sulphite, Mitscherlich....	7	1,714	6,432	4,136	2,509
Sulphate pulp.....	19	6,560	8,712	5,416	3,100
Soda pulp.....	28	4,305	27,262	15,688	10,375
Other than wood pulp.....	4	114	470	494	90
Total of all grades.....	294	174,763	238,228	189,173	42,937

All known duplications have been excluded from the "Total of all Grades."

NOTE:—A slight variation will be noted between the monthly reports of January and February in the matter of the stock on hand for each grade on account of corrections received from the mills and for the further reason that a few of the mills not in operation failed to forward to the commission a report of their stocks.

The division between the tons used and the tons shipped for February is more accurate than for January, especially in the case of ground wood, since some companies failed to make a correct separation in the preceding month. To correct the report on ground wood for January about 32,000 tons should be added to the quantity used and subtracted from the quantity shipped.

Comparing the stocks on hand at the domestic pulp mills at the end of the month with their production the figures show that: Ground wood mill stocks equal about 5 weeks' output. News grade sulphite mill stocks equal about 10 days' output. Bleached sulphite mill stocks equal about 7 days' output. Easy bleaching sulphite mill stocks equal about 11 days' output. Mitscherlich sulphite mill stocks equal about 7 days' output. Sulphate mill stocks equal about 18 days' output. Soda pulp mill stocks equal about 5 days' output. Mill stocks of other than wood pulp equal about 4½ days' output.

### Loss of Production

The number of grinders and digesters showing lost time during the month of February in operating mills was 1197. These figures do not include the machines in 11 mills that were not in operation at all during February chiefly on account of lack of orders, repairs,

lack of material, and lack of power. The number of hours lost for various reasons is shown in detail in the following tabulation:

Kind of Pulp	Lack of Orders		Repairs		Other Reasons	
	No. of Grinders	Total Hours	No. of Grinders	Total Hours	No. of Grinders	Total Hours
Groundwood .....	26	6,844	181	28,258	607	142,277
Sulphite, News grade.....	33	5,498	78	2,215	12	2,061
Sulphite, Bleached.....	18	1,829	30	2,856	22	1,448
Sulphite, Easy Bleaching....	6	797	0	0	0	0
Sulphite, Mitscherlich.....	0	0	15	1,611	7	458
Sulphate pulp.....	23	6,096	1	552	16	3,869
Soda pulp.....	21	3,066	28	1,944	67	6,030
Other than wood pulp.....	0	0	4	78	2	438
Total.....	127	24,130	337	37,514	733	156,581

1 Includes 106,560 hours due to low water, 19,024 hours due to anchor ice and 3,731 hours due to lack of power.

## News of the Western New York Trade

[FROM OUR REGULAR CORRESPONDENT.]

NIAGARA FALLS, N. Y., March 22, 1919.—Work was resumed this week on the contract to deepen the Hydraulic canal and dredge 3,000-foot channel out in to the Niagara river to increase the capacity of the Niagara Falls Power Company to capacity—to use the limit of water from the Niagara river as permitted by government orders. The dredging work was started last May and suspended on January 7. Two big drill boats have been put into operation. Officials stated today that within another week two additional drill boats will be placed at work and that by May 1 there will also be three dredges operating. When the power company removes its ice booms, about April 1, dredging work will be resumed in the river channel.

"The work in the canal will continue all through this year and the river work will continue through next summer," said the dredging superintendent.

The funeral of Carlton J. Kraus, who conducted a wholesale paper business at 891 Michigan avenue, Buffalo, for a number of years, was held today from the family residence in Buffalo. Mr. Kraus, who was 27 years old, died last Wednesday after a six weeks' illness with pneumonia. Mr. Kraus was well known in paper circles in Western New York. He leaves one son, Carlton, Jr.

## BUYS INDIANA PAPER CO.

(Continued from page 48)

Paper Company. No Hammermill agent can carry a competing line of watermarked sulphite bond. With our national distributing organization it was necessary for us to have a watermarked sulphite bond that we could carry in all divisions. We, therefore, notified the mill at Erie that on or about April 1 we would stock such a line and advised them at that time that when we actually began to put in the new line in our warehouse we would leave the disposition of our stock of Hammermill advertised lines to the discretion of the mill."

# TISSUE IN JUMBO ROLLS

*Kraft Manila White Colored Special*  
**FOR CONVERTERS OF**

TOILET PAPER  
PAPER NAPKINS  
PAPER TOWELS



PAPER TWINES  
WAXED PAPERS  
SPECIALTIES

**We Have the Price,**

**Quality and Service**

**THE NATIONAL PAPER SUPPLY CO.,** Industrial Department **132 Nassau St., New York, N. Y.**

*After April 1st we shall be at our new quarters, Washington Place and Mercer Street*

**WINDERS  
AND  
REWINDERS**  
SAMUEL M. LANGSTON COMPANY  
CAMDEN, N. J.

WILLIAM B. DILLON

## DILLON & BARNES

*Paper Mill Products and Supplies*  
52 VANDERBILT AVENUE NEW YORK  
Telephone, 7353 Murray Hill

## Atterbury Brothers

(INCORPORATED)

Wood Pulp, Rags and Paper Stock  
French Caseine

145 Nassau Street (Potter Building) NEW YORK

## Salomon Bros. & Co.

IMPORTERS OF

All Grades of Rags and Paper Stock  
200 Fifth Avenue, NEW YORK  
Cotton Waste : Linters : Ramie

IRA L. BEEBE

ESTABLISHED 1851

CYRUS E. JONES

## IRA L. BEEBE & CO.

132 Nassau St., New York

IMPORTERS OF



## Wood Pulp

and

Packers of Paper Stock

PACKING HOUSES: 312 Pearl Street and 12 Peck Slip NEW YORK

## J. F. Patton & Co., Inc.

Agents for

## Domestic Wood Pulp

of all grades

Aeolian Building

33 West 42nd Street

New York

## E. J. KELLER COMPANY

INCORPORATED

200 FIFTH AVENUE  
NEW YORK

FOREIGN AND DOMESTIC

PAPER MAKERS' SUPPLIES  
COTTON, JUTE and FLAX WASTES  
COTTON BAGGING MATERIALS  
EAST INDIA MERCHANDISE

FOREIGN and DOMESTIC

Paper Stock

New Cuttings

and Rags

Jute Stock

Sizing, Sulphite

and Soda Pulps

200 FIFTH AVE.

NEW YORK

**CASTLE, GOTTHEIL & OVERTON**





# The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at  
NIAGARA FALLS, NEW YORK

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## “Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

Packed in Steel Drums, air tight, insuring full strength at point of consumption

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## LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

### Soda Ash

48 per cent. and 58 per cent.

### Caustic Soda

60 per cent., 70 per cent., 72 per cent., 74 per cent., 76 per cent.; also 78 per cent. Our 78 per cent. Caustic Soda is an article of greater purity than has ever before been produced in a commercial way, analyzing 99.70 Hydrate of Soda

### Bicarbonate of Soda

Packed in Kegs, Barrels or Bags; also Cases

## Arnold Hoffman & Company, Inc.

SOLE AGENTS

PROVIDENCE: 55 Canal Street    NEW YORK: 61 Broadway    BOSTON: 88 Broad Street  
PHILADELPHIA: Delaware Ave. and Green St.    CHARLOTTE, N. C.

# Want and For Sale Advertisements

## HELP WANTED

**SALESMAN**—To call on folding box trade. Should be acquainted with folding box boards and customers. Must have had experience in paper business and know how to figure paper and boards and preferably also having a knowledge of printing and lithography. A good opening with progressive manufacturer. Address, Box 1118, care Paper Trade Journal.

**WANTED**—Paper Machine tender familiar with the whole operation of making asbestos felt and asbestos paper on a Cylinder Machine. Must be familiar with the process of beater room and machine room. Good opportunity for the right young man. Address, Box 1119, care Paper Trade Journal.

**WANTED**—One night foreman, two beater engineers, two machine tenders, three back tenders, experts on test board. Town thirty thousand, good climate and living conditions. Address, Box 1120, care Paper Trade Journal.

**WANTED**—Experienced man to take charge of both electric and steam power in plant operating two paper machines and sixty ton pulp mill. Must be a sober, practical man. Address, Box 1121, care Paper Trade Journal.

**WANTED**—Experienced salesman with an established trade in Wrapping Papers and Paper Products, for New York City and vicinity. An excellent opportunity for the right man. Address, Box 1085, care Paper Trade Journal.

**WANTED**—Chief Engineer in paper mill located in Middle West to take charge of up-to-date Power Plant and mill repair work. Must fully understand Turbines, Generators and Electrical Motors. When answering advise age, whether married or single, previous experience in detail, and salary expected. Address Box 1092, care Paper Trade Journal.

**WANTED**—First-class salesman to sell imported wood pulp in the New England States and the Middle West. Address Box 1093, care Paper Trade Journal.

**A YOUNG MAN** of good appearance who has had technical experience in Paper Mills to sell Paper Machinery. None need apply unless able to furnish very high references. Splendid salary and expenses. Reply to Box 1094, care Paper Trade Journal.

**SALESMAN** wanted to sell fine and coarse papers and specialties to large consuming trade. Direct mill business. Commission basis. Interesting proposition. Address Box 1095, care Paper Trade Journal.

**MAN WANTED** to take charge of four Coating Machines. In replying please state nationality, experience and salary expected. Address Box 1096, care Paper Trade Journal.

**SUPERINTENDENT** wanted for Mill making Kraft, Fibre Manila and Toilet papers. Must be able to handle help and get production. Apply giving full particulars, salary received in last position and salary wanted. Address, Box 1097, care Paper Trade Journal.

## FOR SALE

One (L) 10 x 12—Brownell Variable Speed Engine—good as new. One thousand other items for the Paper Maker. Address, The Shartle Bros., Machine Company, Middletown, Ohio.

## HELP WANTED

**WANTED**—Combination superintendent and paper mill engineer for Soda mill. Must understand soda recovery and paper making. State salary, age, and give experience in first letter. Address Box 1098, care Paper Trade Journal.

**WANTED**—Boss Beaterman, one-machine mill running Chip and Newsboard. Must be steady and sober. Address Box 1111, care Paper Trade Journal.

**MACHINE TENDER** wanted; experienced on Sulphite Bond Papers. Eighty-inch machine; 67½¢ per hour. Eight hours. Address Box 1112, care Paper Trade Journal.

**BEATER ENGINEER** wanted; experienced in coloring bleached stock. Address Box 1113, care Paper Trade Journal.

**WANTED**—A Boss Beaterman in Pennsylvania two tour Mill making Wrapping, Board and Specialties. Applicants must give experience, age, nationality and reference. Address, Box 1117, care Paper Trade Journal.

**WANTED**—Assistant Manager in established paper stock and new rag concern located in large city within 100 miles of New York City. Write fully in confidence. Address Box 1069, care Paper Trade Journal.

**MASTER MECHANIC**—New sulphite mill, now approaching completion, requires services of an experienced Master Mechanic. Must have had Sulphite Pulp Mill experience. Write fully, giving details of experience, age, whether married or single, and salary required, to Box 1067, care Paper Trade Journal.

## FOR SALE

**PAPER MACHINES**—One 72" Harper Fourdrinier, 2 Presses, 15 Dryers, 1 stack Calenders, Reel, Slitter, Winder, Marshall Drive.  
**DRYERS**—14 36" x 84", 15 36" x 68", 3 48" x 146", 4 48" x 111".

**SIZE PRESS**—Rolls 16" diam, 82" face.  
**SLITTERS**—1 137" Kidder, 1 108" Kidder, 1 62" Kidder, 1 48" Black & Clawson.

**WINDERS**—1 96" Pusey & Jones single drum winder, 1 90" Downingtown Tissue, 1 38" Kidder.

**MACHINE CALENDERS**—1 82", bottom 15"; 5 10", 1 12", 1 72" eleven rolls, 1 68" five rolls, 1 62", 1 72" seven rolls 12" intermediates, 1 37" five rolls, 1 48" five rolls.

**SUPER CALENDERS**—1 63" Norwood late type, 1 60" Norwood, 2 45" Norwood.

**PAPER SHEET CUTTERS**—1 120" Dillon Duplex, 1 112" Finlay, 1 62" Horne, 1 40" Finlay, 1 53" Finlay, 1 44" Hamblet, 6 42" Finlays.

**REAM CUTTERS**—1 50" Dayton Serbold, 1 48" Acme, 1 46" Sheridan, 1 36" Sheridan.

**BEATERS**—3 Jones, rolls 61" diam, 48", never used; 4 Noble & Wood, 72" x 44", 4 Horne rolls 44" x 44", 1 Horne 60" x 48", 1 Umpherston 48" x 66".

**JORDANS**—1 Jones Wagg Majestic, 2 Horne, 1 Emerson.

**PUMPS**—1 Deane triplex power water 10" x 10", 2 Deane triplex stuff 8" x 8".

**SCREENS**—1—12 plate Harmon, 2 10 plate New Success, 1 Sandusky central, 1 12, 1 10, 2 8 plate New Success, 1 Moore & White Auxiliary.

**WET MACHINES**—1 72" Sandy Hill, 1 72" Bagley & Sewall, hydraulic.

**ENGINES**—1 Fishkill Corliss 18" x 42", 1 8" x 12" Ball, 1 10" x 11" Ideal, 1 Putnam 12" x 30", 1 Corliss 10" x 24".

**SAVE-ALLS**—2 Fulmer new, 2 Improved Mach. Co. Pneumatics.

**SHREDDER**—1 Ryther & Pringle, 1 Leather Shredder.

**ROTARIES**—2 7' diam. x 21' 6", 1 6' x 21', 1 7' x 24".

**CYLINDER MOULDS**—1 36" x 110", 5 30" x 74", 3 30" x 80", 2 30" x 72".

1 45" Sheet Lining Machine.

1 No. 8 Reeves Drive.

1 Baker & Shevlin Worm Washer.

2 Stevens Digesters.

1 Millsbaugh Suction roll 96" x 14 9/16".

1 Farnham Suction roll 84" x 14".

12 Three Pocket Grinders.

2 42" Waldron Coaters.

1 Wheat Duster, 1 Noble & Wood Duster.

**FRANK H. DAVIS**

175 Richdale Ave., Cambridge B, Mass.

## HELP WANTED

**WANTED**—A man who thoroughly understands the making of colors for Glazed, Waterproof, and Fancy Papers, and who also knows how to operate Coating Machines, to superintendent Color and Coating Departments. A very satisfactory position is offered to a man that can fill above requirements. Address Box 1071, care Paper Trade Journal.

**WANTED**—A chemist for large Roofing Plant. Must be strictly sober and posted right up to the minute on Asphalt Paints and Coating; also a knowledge of the Roofing Business. Address Box 1072, care Paper Trade Journal.

**MILL** located in Middle West has an opening for a first class Beater Engineer experienced in coloring. This offers a good, steady position for a reliable man. Eight-hour shifts. Address Box 1073, care Paper Trade Journal.

**PAPER MILL** located in Middle West desires a first class Millwright. This is a steady position and will pay good wages to the man who can qualify. Address Box 1075, care Paper Trade Journal.

**WANTED**—First class working foreman for tissue mills; must be temperate, progressive, up-to-date and capable of managing help. Address Box 1076, care Paper Trade Journal.

**WANTED**—Two Machine Tenders for 60 Dryers, 6 Vat Machine. State where experience gained. Brompton Pulp & Paper Co., Ltd., East Angus, Quebec, Canada.

**WANTED**—Beaterman for Container Board Mill; two tours. Good wages to right party. Address, Box 1086, care Paper Trade Journal.

**ONE OF** the most progressive and up-to-date paper houses is now open for good live salesmen. The right ones can get in on the ground floor, since it is now being incorporated and common stock can be bought. We carry an extensive line and the field is unlimited. We are also paper converters in its many branches. Address, Box 1062, care Paper Trade Journal.

(Continued on page 57)

## FOR SALE

**BEATERS**—40x36" with iron tub, 17' long, two 65x54, one 42x42, one 48x48, 4 Clafins. New Umpherstons.

**CALENDERS**—Five roll 48", 9 roll 63", 7 and 9 roll 72", 3 roll 80", 9 roll 80", 9 roll 84", 7 roll 86". Four roll friction.

**COATER**—One 43" double Waldron coater.

**CUTTER**—100" Finlay, 72" Dillon, 68" Black & Clawson, 84" Moore & White, 48" Holyoke, One T & S rag cutter. Several ream cutters.

**CYLINDER MOULDS**—Two moulds 30" dia., 75" face.

**DRIVES**—One Moore & White No. 9 A.

**DRYERS**—26 new shells 36" dia., 124" face; 3 new shells 36" x 76"; also three 36 x 36 with frames, etc.; four 28 x 62 all ready to set up. Lot of odd dryers.

**DUSTERS**—One 6 bowl Holyoke revolving, also two railroad dusters.

**JORDANS**—Emerson & Horne type Jordans.

**MACHINES**—One 72", 2 cylinder machine.

**PUMPS**—One triplex self-contained suction pump, one 1,000 gal. Worthington, tank pump 10 x 16 x 16 x 18 Knowles, fifteen fan pumps. New stock pumps, single and duplex.

**ROTARIES**—About ten horizontal rotaries; three Globe rotaries.

**SCREEN**—One Wandel screen. Also a lot of other machines which have not yet been listed. Write us for anything you want.

Lot of new split pulleys, sprocket chains, cone pulleys. Also new wooden pulleys with friction clutches.

**Mills Machine Company**  
LAWRENCE MASS.

(Continued from page 56)

**HELP WANTED**

**WANTED**—Managing director for an up-to-date, two-machine mill making manila and patent coated boards. Must be thoroughly familiar with keeping up modern paper mill equipment and an efficient organizer. This position requires a man of character and great ability and carries with it a very high salary. Anyone who cannot present the highest credentials as to character and ability need not apply. Address Box 1063, care The Paper Trade Journal.

**WANTED**—High class man familiar with the manufacture and handling of paper bags for cement, plaster, coal, coke, feed, etc. Must be able to invest \$5,000 to \$10,000 in the enterprise to be operated in conjunction with mill producing all paper required. Address Box 1026, care Paper Trade Journal.

**WANTED**—A first-class man to refill Jordans and Beaters in our factory and on the road among Eastern mills. Steady position and a good opportunity for an experienced and reliable man. Address, Box 997, care Paper Trade Journal.

**WANTED**—Are you interested in a better connection? If so, communicate with us. We are in a position to find openings for you and negotiate confidential preliminaries in your behalf with strict privacy and no risk to present connection. Our service covers such positions as executive, technical or selling. Write for particulars. The National Service Bureau, Times Plaza Station, Brooklyn, N. Y.

**WANTED**—Immediately for Binders Board Mill, experienced man for wet machine. Apply at once. The Home Pulp & Paper Mills Co., Box 773, Mobile, Ala.

**WANTED**—A first class millwright for One Machine Paper Mill and Manufacturing Plant. Steady position and good salary for right man. Write, giving experience, age and salary expected. Communications confidential. Apply to Box 1127, care Paper Trade Journal.

**WANTED AT ONCE**—Two Machine Tenders who are familiar with running Chip and News Board 5 Cylinder Machine. State experience and wages wanted. Address, American Straw Board Co., Chestertown, Md.

**SITUATIONS WANTED**

**COST ACCOUNTANT**—Young, married, ambitious. Ten years' experience on labor and material distributions, store records, office routine, desires position with Greenwood Sulphite and Newsprint mill. Address, Box 92, Glens Falls, New York.

**CYLINDER** machine tender wishes to make a change. Well up on repairs and all kinds of board; married, steady and sober. Address, Box 1123, care Paper Trade Journal.

**SALESMAN**—(33) married. Recently released from Army, wishes similar position or as buyer. Seven years' experience selling Wholesale and Retail Stationery Trade, Paper Trade, Department Stores, Druglists, Novelty Manufacturers and Consumers. Employed at present but future is limited. Credentials of highest order. Address, Box 1124, care Paper Trade Journal.

**SITUATION** wanted with a Paper Bag Manufacturing Company to supervise construction and installation of my improved high speed automatic machine for the manufacture of Grocery Bags. For particulars, address P. L. Bartholomew, R. D. 1, Box 168, Aurora, Ill.

**WANTED**—Position as General Manager or Superintendent. Energetic organizer, executive chemist; 20 years' practical experience in Paper Making in the United States and abroad. Specialist in specialties. Large personal acquaintance in the paper trade. Address Box 1099, care Paper Trade Journal.

**SALES MANAGER** or assistant; fifteen years' experience manufacturing and selling wrapping and allied lines, including Pulps. Would represent mill or consider connection with responsible party. Address Box 1160, care Paper Trade Journal.

**PAPERMAKER** and Mill Engineer open for another temporary appointment for modernizing, re-vamping or overhauling Pulp, Paper, Sulphite or Sulphate Mill. Address Box 1102, care Paper Trade Journal.

**SITUATIONS WANTED**

**YOUNG MAN**, married, 27 years of age, with college education, who has had five years' experience in every department of a large hardware and mill supply house, desires to enter the paper making field. Salary minor consideration if position offers opportunity for advancement. Address Box 1101, care Paper Trade Journal.

**WANTED**—Superintendent open for engagement. Experienced on Rag, Book, Writings, Manilas, Kraft and Tissues. Address Box 1103, care Paper Trade Journal.

**MACHINE TENDER** desires to make a change. Would like position in good mill and good location. Several years' experience on all grades of Tissue, Fourdrinier and Cylinder Machines. Married and steady. Address Box 1104, care Paper Trade Journal.

**A MAN** who can handle Beaters, Fourdrinier or Cylinder Machines, seeks connection as working foreman with mill. Day or night. Address Box 1105, care Paper Trade Journal.

**SUPERINTENDENT** wishes to correspond with an up-to-date concern needing a live, experienced man. Desirous of later becoming financially interested. At present in charge of large Mill making Cylinder and Fourdrinier Jute and Rope Specialties. Address Box 1106, care Paper Trade Journal.

**EXECUTIVE POSITION** wanted by Electrical and Mechanical Engineer, who has studied the manufacturing end of Paper, Sulphite and Pulp during ten years of Paper Mill Engineering. He wishes a position as Manager or Assistant Manager of large company where he will have an opportunity to execute his knowledge of manufacturing and ability to organize and build up efficiency. Address Box 1107, care Paper Trade Journal.

**WANTED**—Position by competent foreman, experienced in making Kraft, Manilas and Wrappings. Understands Paper Mill Chemistry. "R," P. O. Box 496, New Haven, Conn.

**WANTED**—Superintendent desires to make a change. Eighteen years' practical experience on kraft and all grades tissues machine and second process crepeing; experienced on Fourdrinier and Cylinder machines, Edwards and Hawley Fuller attachments; good on colors; best of reference furnished. Address, Box 1088, care Paper Trade Journal.

**MACHINE TENDER** of long experience in up to date mills, now on Government work, wants position as Tour Boss or Machine Tender on News, Kraft, Manila, Tissue or Board. Address, Box 1078, care Paper Trade Journal.

**WANTED**

High class book paper salesman to develop department. Great opportunity and liberal salary to right party. New York territory. Direct mill shipments only. All replies confidential. Address, Box 955, care of Paper Trade Journal.

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**MARRIED MAN**, 29, of executive ability, ten years' Paper Mill and Office experience, desires position as Assistant to Manager, Superintendent or Office Manager. Now with Ordnance Department. Address, Box 1079, care Paper Trade Journal.

**WANTED**, by an experienced man, a position as Foreman of an old Paper or Rag Stock Department, on a salary or percentage basis. Address, Box 1081, care Paper Trade Journal.

**YOUNG MAN**, married, at present employed as Manager of large exporting house, seeks new connection with mill or reputable jobbing house, in similar capacity. Ten years' experience, all grades, familiar with all mill connections. Excellent character and ability. References. Will go anywhere, providing good opportunity and future are offered. Address, Box 1044, care Paper Trade Journal.

**YOUNG MAN**, energetic, recently discharged from service, seeks position with reputable paper house. Has had five years' experience. Address Box 1083, care Paper Trade Journal.

**WANTED**—Superintendent desires position; fifteen years' experience on all grades of combination and container board. Good executive and of mechanical ability. Can furnish best of references. Address, Box 973, care Paper Trade Journal.

**CHEMIST**—One who understands all processes and machinery connected with Sulphite manufacturing, both technical and practical. One who has worked in all departments from yard up. Technical graduate. Address, Box 1059, care Paper Trade Journal.

**YOUNG MAN** of Broad Education and Extensive Experience in Paper Business. Following among lithographers, boxmakers, and principally exporters. Trained along advertising lines such as house organs, direct mail and copywriting. Open for engagement in selling or advertising capacity. Prefers to combine both. Address, Box 1125, care Paper Trade Journal.

**RESULTS GUARANTEED**—Expert Efficiency Man open for position April first. Increased production 100% last engagement. Results or no salary. Address, Box 1126, care Paper Trade Journal.

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**FOR SALE**—Rotary Cutter, 68", Black and Clawson, heavy cast iron knife bar. Address Box 1103, care Paper Trade Journal.

**FOR SALE**—One Roll Coating Machine, 36" hanging up apparatus and turn table; one heavy upright Hoe embossing press, heated by gas; one rotary Card Board Beveling Machine, excellent condition; one 10-horse power Otto Gas Engine, good condition; one small upright embossing press; two heavy Screw Presses. Address J. W. McCabe Co., Inc., 215 Pearl Street, New York.

**WATER POWER** for sale; splendid place for a one or two-machine Tissue Mill and also an eleven-room dwelling house, and three other small buildings, three-quarters of a mile from the railroad station and thirty miles from Baltimore. Address W. J. Goodfellow, Bentley, Maryland.

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 62" " " 14" " 3-15/16" " "  
 Above pulleys in first class condition.  
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(Continued on page 59.)

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(Continued from page 57.)

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**FOR SALE**—Mill at Lancaster, Pa. Equipped with 72" Fourd. machine, beaters, engines and ample steam and water power. Sprinkler equipment. Now operating under lease. Possession on 90 days' notice. Will sell machinery separately. Apply to the York Card & Paper Company, York, Pa.

**FOR SALE**—Jones washing engine, 2,000 lbs.; 3 Tyler cylinder washers, all complete. Practically new; never been used. Address J. B., P. O. Box 1184, City Hall Station, New York.

**FOR SALE**—Two sheet cutters for sale. English make, 50" wide, complete and in good condition. Any reasonable offer accepted. Address, Box 961, care Paper Trade Journal.

**MISCELLANEOUS**

Treasury Department,  
Office of the Secretary,  
Washington, D. C., March 25, 1919.  
Sealed proposals will be received at this office until 2 o'clock p. m., Wednesday, April 30, 1919, from manufacturers of bond, bank-note and other fine papers for furnishing bank-note paper of the highest quality containing the distinctive feature now in use by the Department, for the printing of United States currency and other securities, national and Federal reserve bank notes, Federal reserve notes, etc., for the fiscal year beginning July 1, 1919. Blank forms for submitting proposals, with specifications and further information, will be furnished intending bidders upon application to this office where samples of the paper required may be examined.

**CARTER GLASS,**  
Secretary of the Treasury.

**WANTED**—Following second-hand machinery in good condition and reasonable in price: One ten-ton capacity Jordan; two Holland type beaters, 1,500 pounds each; one 72" sheet cutter with stand for 3 rolls; one 48" to 50" Press cutter; two stacks calendars, 72", 7 or 9 rolls. Address Box 1114, care Paper Trade Journal.

**MECHANICAL ENGINEER** desires financial assistance in promoting new invention. Positively cleans bark from logs without removing wood. Patent applied for. Address, Box 1084, care Paper Trade Journal.

**LONDON (England) Paper Agent** desires to represent on commission reliable American Paper, News and Board Mills. Experienced in American trade, and large connection amongst British wholesale and export. Reply to Box 1052, care Paper Trade Journal.

**WANTED**—The following second-hand paper machinery. Must be in first-class condition and the price reasonable: 1 Noble and Wood Monarch Jordan; 1 Cutter with slitters and frame for 8 or 10 rolls; 1 7 or 9 roll stack of calendars for 96" machine. Chesapeake Paperboard Co., Key Highway & B. & O. R. R., Baltimore, Maryland.

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**FERGUSON, HARDY S.,** M. Am. Soc. C. E., Consulting Engineer, 200 Fifth Ave., New York.

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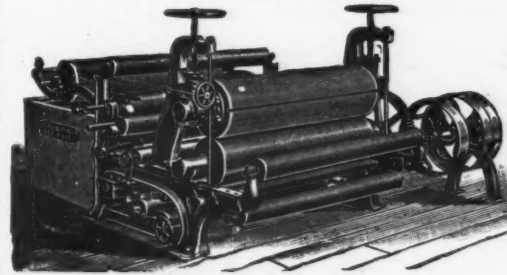
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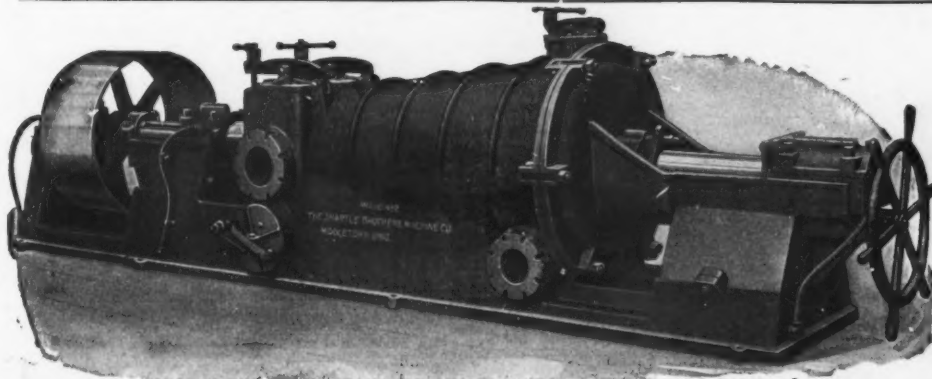
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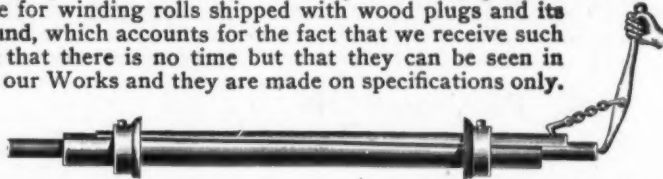
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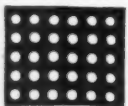
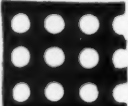





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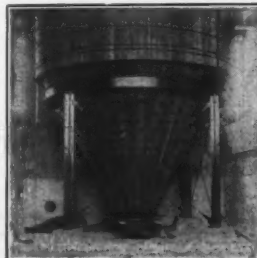
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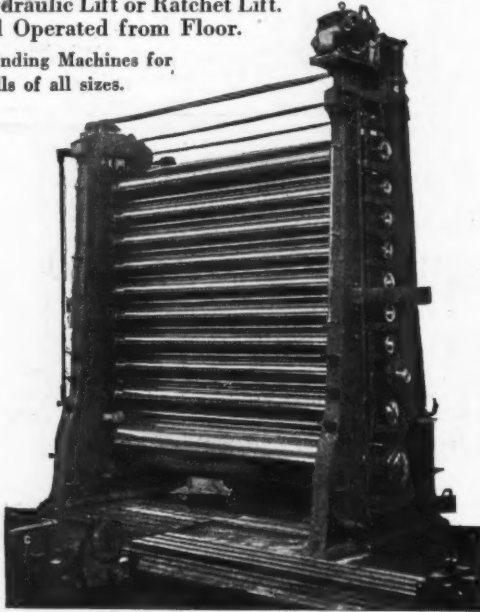
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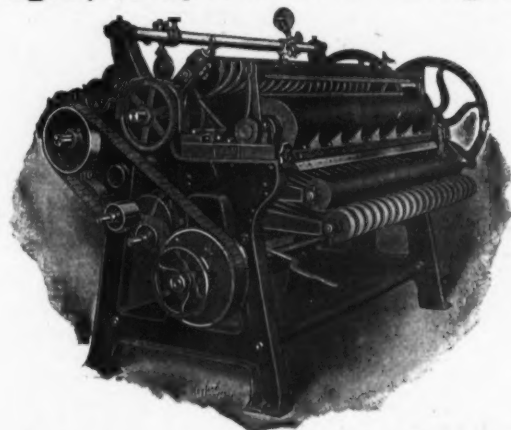
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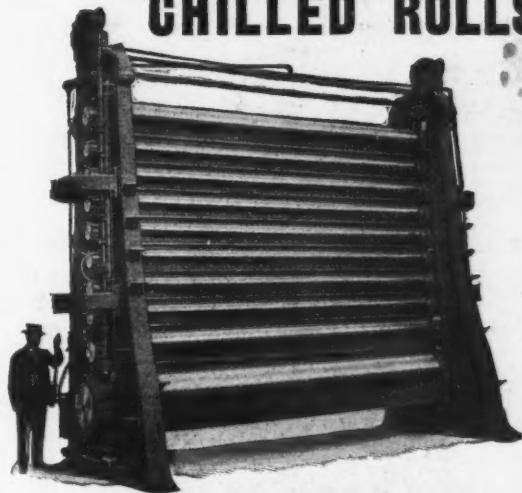
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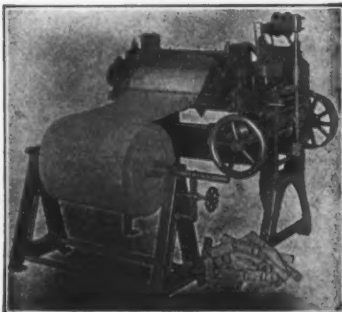
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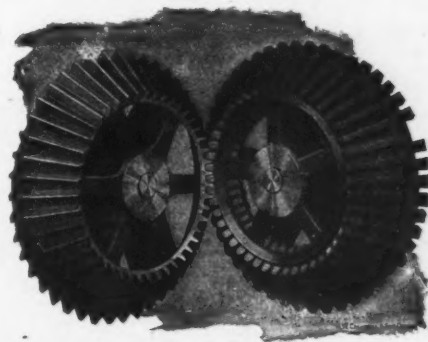
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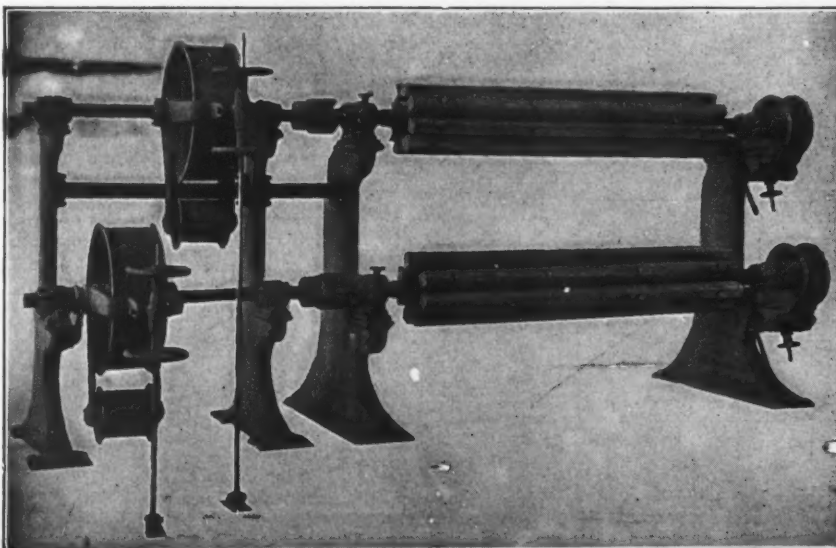
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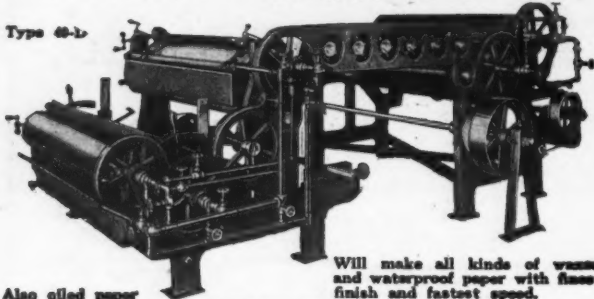
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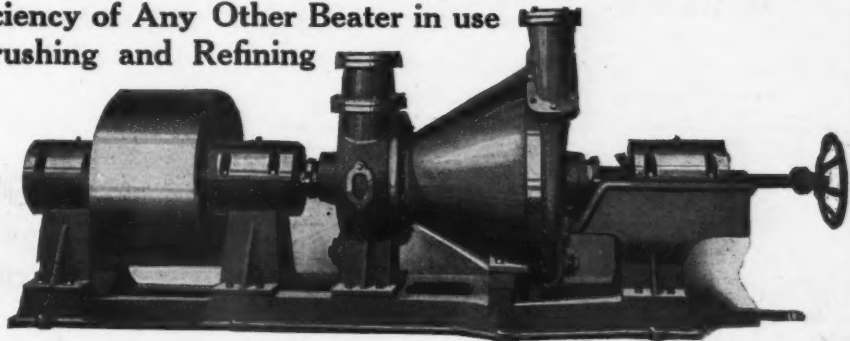
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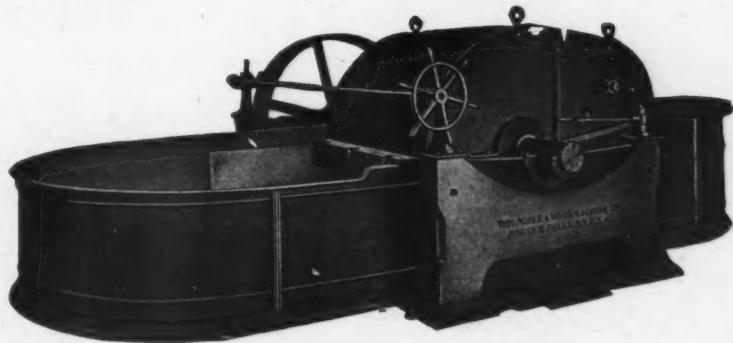
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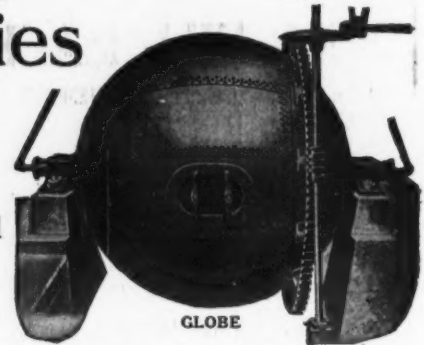
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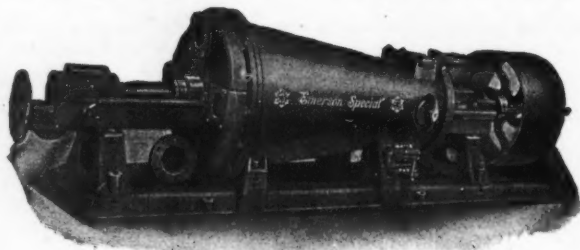
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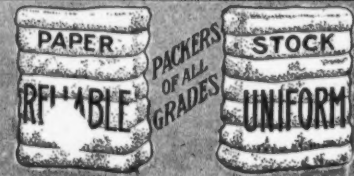
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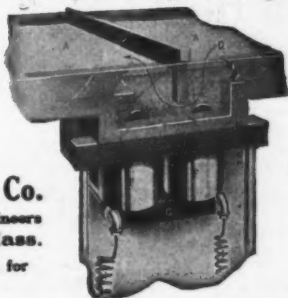
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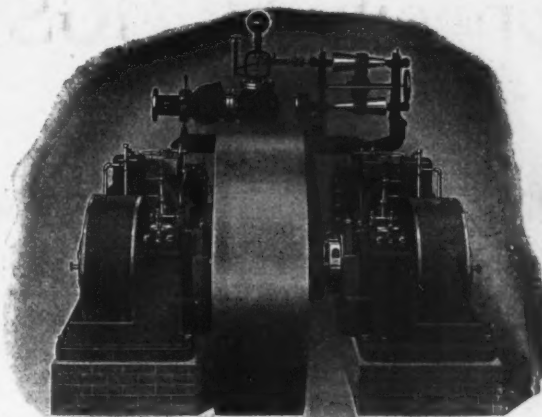
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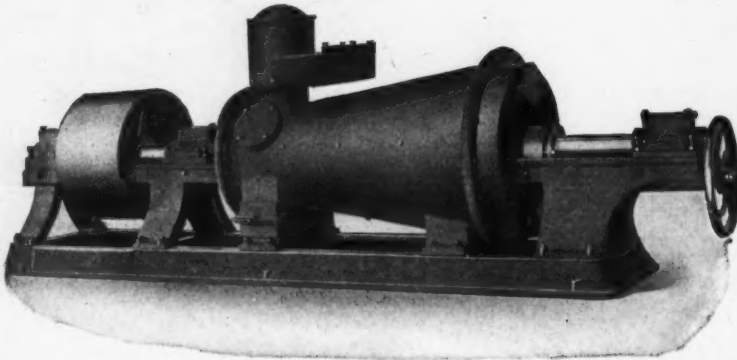
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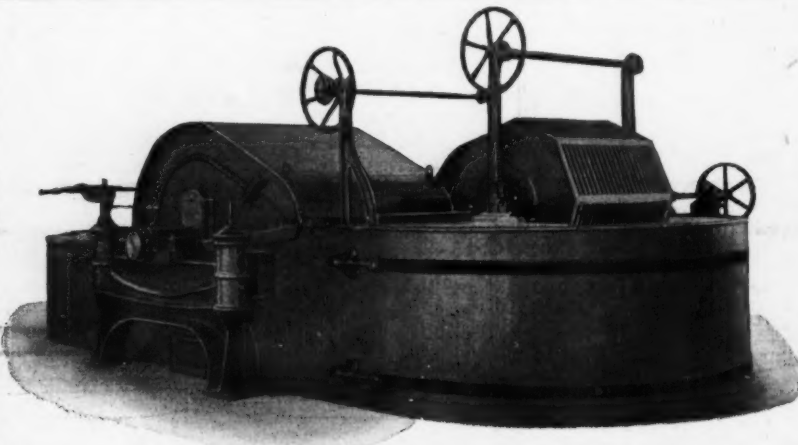
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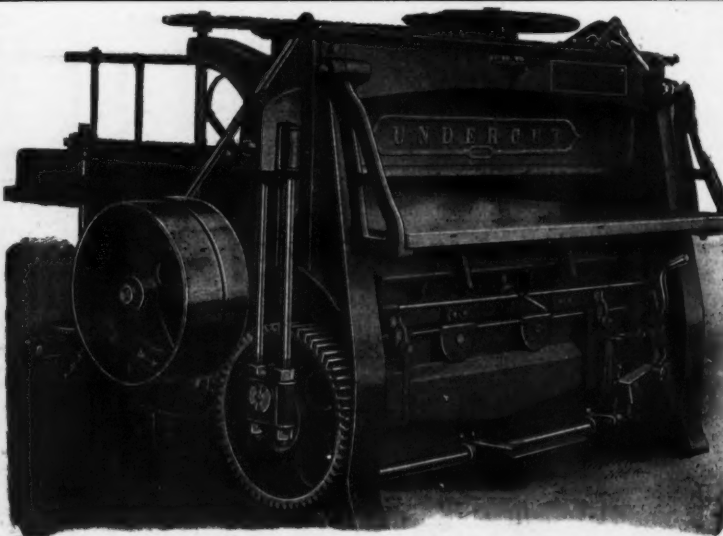
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